AIRSPRAY
SPRAYING

M22 G HTI

The M22 G HTi is a gravity fed gun that delivers high finish quality and transfer efficiency with outstanding operator comfort. Available with one of 2 aircaps; EP5 for hard to atomize coatings such as high solids and waterbornes or the E5 K HVLP for optimizing efficiency and HVLP compliant airspray.

FEATURES	BENEFITS
New ergonomics and body design Reduced trigger effort	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Product fluid passages in stainless steel	Compatible with water-based materials
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
High transfer efficiency	Important product savings and environmental protection
Fine thread stuffing box	Fine control of the needle tightening torque for an improved sealing
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
Reduced number of components	Easy maintenance
Choice of two 0.6 l cups available	Polyacetal white cup for water and solvent-based materials PEHD grey cup for pre-catalysed or PU materials

SPECIFICATIONS	
Sprayed materials	Varnishes, lacquers, stains, polyurethans, two component
Body of the gun	Anodized Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	EP5: 2 - 3 E5 K HVLP: 1.5 - 2.5
Air consumption (m^3/h)	EP5: 20.2 à 2.5 bar E5 K HVLP: 27.2 à 2 bar
Weight (with cup) (g)	680
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	EP5: 74 % E5 K HVLP: 76 %
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

FITTINGS		
Fitting	Air Inlet	M 1/4" NPS (+ M 1/4" BSP)
	Fluid inlet (gravity cup)	-

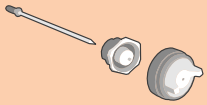
AIRCAP
E5 K HVLP

CONFIGURATION OF THE M22 G HTI WITH E5 KHVLP AIRCAP

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Cup	Part number
						
-	-	-	-	-	Polyacetal 0.6L (White)	136.130.100
-	-	-	-	-	PEHD 0.6L (Grey)	136.131.100
< 20 s	12 E5 K HVLP	1.2	128	22	Polyacetal 0.6L (White)	136.130.101
					PEHD 0.6L (Grey)	136.131.101
	13 E5 K HVLP	1.3	170	25	Polyacetal 0.6L (White)	136.130.102
					PEHD 0.6L (Grey)	136.131.102
	14 E5 K HVLP	1.4	216	31	Polyacetal 0.6L (White)	136.130.103
					PEHD 0.6L (Grey)	136.131.103
20 - 40 s	15 E5 K HVLP	1.5	245	35	Polyacetal 0.6L (White)	136.130.104
					PEHD 0.6L (Grey)	136.131.104
	18 E5 K HVLP	1.8	260	36.5	Polyacetal 0.6L (White)	136.130.105
					PEHD 0.6L (Grey)	136.131.105
> 40s	22 E5 K HVLP	2.2	280	38	Polyacetal 0.6L (White)	136.130.106
> 40 s					PEHD 0.6L (Grey)	136.131.106

M22 G HTI

PROJECTORS FOR GRAVITY M22 G HTI E5 KHVLP

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
< 20 s	1.2	27.2	128	22	12 E5 KHVLP	031.130.001	134.130.300	132.130.100	033.130.100
	1.3		170	25	13 E5 KHVLP	031.130.002	134.130.400	132.130.100	033.130.100
	1.4		216	31	14 E5 KHVLP	031.130.003	134.130.500	132.130.100	033.130.200
20 - 40 s	1.5		245	35	15 E5 KHVLP	031.130.004	134.130.600	132.130.100	033.130.200
	1.8		260	36.5	18 E5 KHVLP	031.130.005	134.130.700	132.130.100	033.130.200
> 40 s	2.2		280	38	22 E5 KHVLP	031.130.006	134.130.800	132.130.100	033.130.300(1)

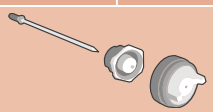
(1) polyacetal end needle

AIRCAP EP5 

CONFIGURATION OF THE M22 G HTI WITH EP 5 AIRCAP

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Cup	Part number
						
-	-	-	-	-	Polyacetal 0.6L (White)	136.130.100
-	-	-	-	-	PEHD 0.6L (Grey)	136.131.100
< 20 s	12 EP 5	1.2	141	21	Polyacetal 0.6L (White)	136.130.111
					PEHD 0.6L (Grey)	136.131.111
	13 EP 5	1.3	176	22	Polyacetal 0.6L (White)	136.130.112
					PEHD 0.6L (Grey)	136.131.112
	14 EP 5	1.4	225	28	Polyacetal 0.6L (White)	136.130.113
					PEHD 0.6L (Grey)	136.131.113
20 - 40 s	15 EP 5	1.5	255	29	Polyacetal 0.6L (White)	136.130.114
					PEHD 0.6L (Grey)	136.131.114
	18 EP 5	1.8	278	30.5	Polyacetal 0.6L (White)	136.130.115
					PEHD 0.6L (Grey)	136.131.115
> 40 s	22 EP 5	2.2	280	32	Polyacetal 0.6L (White)	136.131.116
					PEHD 0.6L (Grey)	136.130.116

PROJECTORS FOR GRAVITY M22 G HTI EP5

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
< 20 s	1.2	20.2	141	21	12 EP 5	031.130.011	134.130.300	132.130.300	033.130.100
	1.3		176	22	13 EP 5	031.130.012	134.130.400	132.130.300	033.130.100
	1.4		225	28	14 EP 5	031.130.013	134.130.500	132.130.300	033.130.200
20 - 40 s	1.5		255	29	15 EP 5	031.130.014	134.130.600	132.130.300	033.130.200
	1.8		278	30.5	18 EP 5	031.130.015	134.130.700	132.130.300	033.130.200
> 40 s	2.2		280	32	22 EP 5	031.130.016	134.130.800	132.130.300	033.130.300(1)

(1) polyacetal end needle

MAINTENANCE KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902

M22 G HPA

The M22 G HPA is a gravity fed gun that delivers outstanding finish quality with unsurpassed operator comfort. Recommended for hard to atomize coatings.

FEATURES	BENEFITS
New ergonomics and body design Reduced trigger effort	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Product fluid passages in stainless steel	Compatible with water-based materials
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
Fine thread stuffing box	Fine control of the needle tightening torque for an improved sealing
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
Reduced number of components	Easy maintenance
Choice of two 0.6 l cups available	Polyacetal white cup for water and solvent-based materials PEHD grey cup for pre-catalysed or PU materials

SPECIFICATIONS	
Sprayed materials	Varnishes, lacquers, stains, polyurethans, two-component
Body of the gun	Anodized Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	2 - 4
Air consumption (m^3/h)	26.5
Weight (with cup) (g)	680
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	65 %
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

FITTINGS		
Fitting	Air Inlet	M 1/4" NPS (+ M 1/4" BSP)
	Fluid inlet (gravity cup)	-

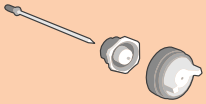
AIRCAP
EN 5

CONFIGURATION OF THE M22 G HPA GRAVITY

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Cup	Part number
						
-	-	-	-	-	Polyacetal 0.6L (White)	136.135.100
-	-	-	-	-	PEHD 0.6L (Grey)	136.136.100
< 20 s	12 EN 5	1.2	137	21.5	Polyacetal 0.6L (White)	136.135.101
					PEHD 0.6L (Grey)	136.136.101
	13 EN 5	1.3	173	23.5	Polyacetal 0.6L (White)	136.135.102
					PEHD 0.6L (Grey)	136.136.102
	14 EN 5	1.4	234	27.5	Polyacetal 0.6L (White)	136.135.103
					PEHD 0.6L (Grey)	136.136.103
20 - 40 s	15 EN 5	1.5	256	30	Polyacetal 0.6L (White)	136.135.104
					PEHD 0.6L (Grey)	136.136.104
	18 EN 5	1.8	282	31	Polyacetal 0.6L (White)	136.135.105
					PEHD 0.6L (Grey)	136.136.105
> 40 s	22 EN 5	2.2	300	32	Polyacetal 0.6L (White)	136.135.106
					PEHD 0.6L (Grey)	136.136.106

M22 G HPA

PROJECTORS FOR M22 G HPA SPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output M22 G (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
< 20 s	1.2	26.5	137	21.5	12 EN 5	031.135.001	134.130.300	132.130.200	033.130.100
< 20 s	1.3		173	23.5	13 EN 5	031.135.002	134.130.400	132.130.200	033.130.100
< 20 s	1.4		234	27.5	14 EN 5	031.135.003	134.130.500	132.130.200	033.130.200
20 - 40 s	1.5		256	30	15 EN 5	031.135.004	134.130.600	132.130.200	033.130.200
20 - 40 s	1.8		282	31	18 EN 5	031.135.005	134.130.700	132.130.200	033.130.200
> 40 s	2.2		300	32	22 EN 5	031.135.006	134.130.800	132.130.200	033.130.300(1)

(1) polyacetal end needle

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902

■ Needle with polyacetal end for M22G

NEEDLE WITH POLYACETAL END FOR M22 G HTI AND HPA (OPTIONAL)

Description	Nozzles Size (mm)	Part number
		
Needle with polyacetal end	0.7 - 0.9 - 1.2 - 1.3	033.130.400
Needle with polyacetal end	1.4 - 1.5 - 1.8	033.130.500

M22 G BASIK HPA

1 2 3 4 5 6 7

Multi-purpose economy gun with good spraying

FEATURES	BENEFITS
Polished aluminum body	Easy and quick maintenance
Product fluid passages in stainless steel	Compatible with most material
New design of the BA aircap	Spraying quality guaranteed
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
0.6 l polyacetal cup	Can be quickly cleaned

SPECIFICATIONS

Sprayed materials	Varnishes, lacquers, stains, polyurethans, two-component
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	2
Air consumption (m^3/h)	28
Weight (with cup) (g)	690
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	65
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel/Aluminum

FITTINGS

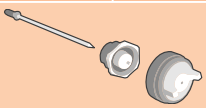
Fitting	Air Inlet	M 1/4" NPS (+ M 1/4" BSP)
	Fluid inlet (gravity cup)	-

AIRCAP BA5

CONFIGURATION OF THE M22 G BASIK HPA

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Cup	Part number
						
-	-	-	-	-	Polyacetal 0.6L (white)	136.137.100
20 - 40 s	18 BA5	1.8	280	31	Polyacetal 0.6L (white)	136.137.110

PROJECTORS FOR M22 G BASIK HPA

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output M22 G (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
20-40	1,8	28	280	31	18 BA 5	031.137.010	134.130.700	132.137.300	033.130.200

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902

M22 G HPA GSP

The M22 HPA GSP has our oustanding ergonomic gun body design with a unique combination pressure/gravity cup for hard to atomize coatings such as high solids and waterbornes.

FEATURES	BENEFITS
New ergonomics and body design Reduced trigger effort	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Pressure cup fitted with a safety valve set at 5 bar	Full security during application: cup pressure will never exceed 0.5 bar
Specific design: the cup is only under pressure during application	Full operator safety
Product fluid passages in stainless steel	Compatible with water-based materials
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
Fine thread stuffing box	Fine control of the needle tightening torque for an improved sealing
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
Reduced number of components	Easy maintenance

SPECIFICATIONS

Sprayed materials	Varnishes, lacquers, stains, polyurethans, two component
Body of the gun	Anodized Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	2 - 4
Maximum cup air pressure (bar)	0.5
Air consumption (m³/h)	26.5
Weight (with cup) (g)	710
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	65%
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

FITTINGS

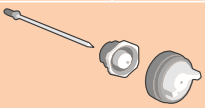
Fitting	Air Inlet	M 1/4" NPS (+ M 1/4" BSP)
	Fluid inlet (gravity cup - under pressure)	-

AIRCAPS EN5

CONFIGURATION OF THE M22 G HPA GSP

Fluid viscosity	Projector type	Nozzles Size (mm)	Fan width at 20 cm (cm)	Cup	Part number
					
< 3000 cps	15 EN5	1.5	30	PEHD 0.6L (grey)	136.138.104
	18 EN5	1.8	31	PEHD 0.6L (grey)	136.138.105
	22 EN5	2.2	32	PEHD 0.6L (grey)	136.138.106

PROJECTORS FOR M22 G HPA GSP SPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m³/h)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
								
20 - 40 s	1.5	26.5	30	15 EN 5	031.135.004	134.130.600	132.130.200	033.130.200
20 - 40 s	1.8	26.5	31	18 EN 5	031.135.005	134.130.700	132.130.200	033.130.200
> 40 s	2.2	26.5	32	22 EN 5	031.135.006	134.130.800	132.130.200	033.130.300(1)

(1) polyacetal end needle

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902

M22 P HTI

The M22P HTi gun delivers high finish quality and transfer efficiency with outstanding operator comfort. Available with one of two aircaps; EP3, for hard to atomize coatings such as high solids and waterbornes or E3 K HVLP, our HVLP highest efficiency and HVLP compliant aircap.

FEATURES	BENEFITS
New ergonomics and body design Reduced trigger effort	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Product fluid passages in stainless steel	Compatible with water-based materials
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
High transfer efficiency	Important product savings and environmental protection
Fine thread stuffing box	Fine control of the needle tightening torque for an improved sealing
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
Reduced number of components	Easy maintenance

SPECIFICATIONS

Sprayed materials	Varnishes, lacquers, stains, polyurethans, two-component
Body of the gun	Anodized Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	1.5 - 2.5
Maximum fluid pressure (bar)	6
Air consumption (m^3/h)	EP3: 20.2 - 29 E3 K HVLP: 23 - 33(1)
Weight (g)	520
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	EP3: 72 % E3 K HVLP: 75 %
Nozzle	Stainless steel
Needle	Treated stainless steel
Wetted parts	Stainless steel

(1) (0.7 bar at the aircap - 2 bar at the handle)

FITTINGS

Fitting	Air Inlet	M 1/4" NPS
	Fluid Inlet	M 3/8" NPS

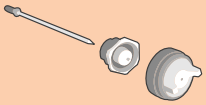
AIRCAP
E3 K HVLP

CONFIGURATION OF THE M22 P HTI WITH E 3 K HVLP AIRCAP

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Part number
					
-	-	-	-	-	135.140.200
< 20 s	07 E3 K HVLP	0.7	200	32.5	135.140.201
	09 E3 K HVLP	0.9	250	38	135.140.202
	12 E3 K HVLP	1.2	300	42	135.140.203
20 - 40 s	15 E3 K HVLP	1.5	350	46	135.140.206
	18 E3 K HVLP	1.8	400	48	135.140.207

M22 P HTI

PROJECTORS FOR PRESSURE M22 HTI E3 KHVLP

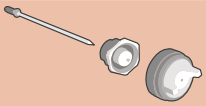
Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m³/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Treated needle
									
< 20 s	0.7	23	200	32.5	07 E3 KHVLP	031.140.001	134.130.100	132.140.100	033.140.100
	0.9	26	250	38	09 E3 KHVLP	031.140.002	134.130.200	132.140.100	033.140.100
	1.2	28	300	42	12 E3 KHVLP	031.140.003	134.130.300	132.140.100	033.140.100
20 - 40 s	1.5	31	350	46	15 E3 KHVLP	031.140.006	134.130.600	132.140.100	033.140.200
	1.8	33	400	48	18 E3 KHVLP	031.140.007	134.130.700	132.140.100	033.140.200

AIRCAP EP 3 

CONFIGURATION OF THE M22 P HTI WITH EP 3 AIRCAP

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Part number
					
-	-	-	-	-	135.140.200
< 20 s	07 EP 3	0.7	200	28.5	135.140.211
	09 EP 3	0.9	250	34	135.140.212
	12 EP 3	1.2	300	37	135.140.213
20 - 40 s	15 EP 3	1.5	350	39	135.140.216
	18 EP 3	1.8	400	42	135.140.217

PROJECTORS FOR PRESSURE M22 HTI EP3

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m³/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Treated needle
									
< 20 s	0.7	20.2	200	28.5	07 EP 3	031.140.011	134.130.100	132.140.300	033.140.100
	0.9	22.5	250	34	09 EP 3	031.140.012	134.130.200	132.140.300	033.140.100
	1.2	24	300	37	12 EP 3	031.140.013	134.130.300	132.140.300	033.140.100
20 - 40 s	1.5	27	350	39	15 EP 3	031.140.016	134.130.600	132.140.300	033.140.200
	1.8	29	400	42	18 EP 3	031.140.017	134.130.700	132.140.300	033.140.200

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902

M22 P HTI GUN KITS

Kit designation	Kit part number
M22 P HTi 12 EP3 gun kit, fluid and air hoses Ø7 length 7.5m, hose sleeve	151.260.785
M22 P HTi 9 E3 KHVLP gun kit, Ø7 fluid and Ø8 air hoses length 7.5m, hose sleeve	151.260.780

M22 P HPA

1 2 3 4 5 6 7

The M22 P HPA uses our new gun body design for outstanding operator comfort. It delivers high volume pressure fed conventional spraying.

FEATURES	BENEFITS
New ergonomics and body design Reduced trigger effort	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Product fluid passages in stainless steel	Compatible with water-based materials
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
Fine thread stuffing box	Fine control of the needle tightening torque for an improved sealing
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
Reduced number of components	Easy maintenance

SPECIFICATIONS	
Sprayed materials	Varnishes, lacquers, stains, polyurethans, two-component
Body of the gun	Anodized forged aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	1,5 - 2.5
Maximum fluid pressure (bar)	6
Air consumption (m³/h)	28 - 36.1
Weight (g)	520
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	EN3: 63%
Nozzle	Stainless steel
Needle	Treated stainless steel
Wetted parts	Stainless steel

FITTINGS		
Fitting	Air Inlet	M 1/4" NPS
	Fluid Inlet	M 3/8" NPS

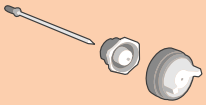
AIRCAP EN 3

CONFIGURATION OF THE M22 P HPA WITH EN3 AIRCAP

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Air consumption (m³/h)	Fan width at 20 cm (cm)	Part number
						
-	-	-	-	-	-	135.145.200
< 20 s	07 EN 3	0.7	200	28	27.5	135.145.201
	09 EN 3	0.9	250	30	31	135.145.202
20 - 40 s	12 EN 3	1.2	300	32.5	35	135.145.203
	15 EN 3	1.5	350	34	36	135.145.206
	18 EN 3	1.8	400	36.1	39	135.145.207

M22 P HPA

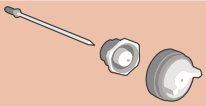
PROJECTORS FOR M22 P HPA SPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m³/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Treated needle
									
< 20 s	0.7	28	200	27.5	07 EN 3	031.145.001	134.130.100	132.140.200	033.140.100
< 20 s	0.9	30	250	31	09 EN 3	031.145.002	134.130.200	132.140.200	033.140.100
< 20 s	1.2	32.5	300	35	12 EN 3	031.145.003	134.130.300	132.140.200	033.140.100
20 - 40 s	1.5	34	350	36	15 EN 3	031.145.006	134.130.600	132.140.200	033.140.200
	1.8	36.1	400	39	18 EN 3	031.145.007	134.130.700	132.140.200	033.140.200
> 40 s	2.3	17.5	400	36	23 ER 3	031.145.014	134.131.100	132.145.200	033.140.300
	2.7	17.9	500	36	27 ER 3	031.145.015	134.131.200	132.145.200	033.140.300
	2.3	20.6	400	23	23 ER 4	031.145.016	134.131.100	132.145.300	033.140.300
	2.7	20.9	550	23	27 ER 4	031.145.017	134.131.200	132.145.300	033.140.300
	2.3	13.6	360	12	23 ER 9	031.145.020	134.131.100	132.145.500	033.140.300
	2.7	13.9	400	15	27 ER 9	031.145.021	134.131.200	132.145.500	033.140.300
> 5000 cps	3.3	22	300	36	33 ES 3	031.145.018	134.131.300	132.145.400	033.140.400(1)
	4.0	22	470	36	40 ES 3	031.145.019	134.131.400	132.145.400	033.140.400
	3.3	22	700	12	33 ES 9	031.145.022	134.131.300	132.145.600	033.140.400
	4.0	22	750	15	40 ES 9	031.145.023	134.131.400	132.145.600	033.140.400

(1) polyacetal end needle

AIRCAP EG 1 

PROJECTORS FOR M22 P HPA SPRAY GUNS FOR GLUES

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m³/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Treated needle
									
> 30s	1.5	19.9	350	36	15 EG 1	031.145.024	134.131.500	132.145.700	033.140.200
> 30s	1.8	20.1	400	39	18 EG 1	031.145.025	134.131.600	132.145.700	033.140.200

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902

M22 P HPA GUN KITS

Kit designation	Kit part number
M22P 15 EN3 gun kit, Ø7 fluid and air hoses, 7.5 m hoses, hoses sleeve	151.260.790
M22P 18 EN3 "glue" gun kit, Ø7 air and polyamide 9.52 fluid hoses, 5 m hoses, hoses sleeve	151.260.795

M22 P BASIK HPA

1 2 3 4 5 6 7

The M22 P Basic HPA is our economy gun with unsurpassed ergonmics.
It is a designed for high volume conventional pressure fed spraying.

FEATURES	BENEFITS
Polished aluminum body	Easy and quick maintenance
Product fluid passages in stainless steel	Compatible with water-based materials
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
New design of the BA aircap	Spraying quality guaranteed

SPECIFICATIONS

Sprayed materials	Varnishes, lacquers, stains, polyurethans, two-component
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	1.8 - 4
Air consumption (m^3/h)	31
Weight (g)	530
Maximum fluid pressure (bar)	6
Transfer efficiency in % (EN 13966-1)	63
Maximum Fluid Temperature (°C)	50
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

FITTINGS

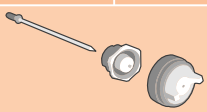
Fitting	Air Inlet	M 1/4" NPS
	Fluid Inlet	M 3/8" NPS

AIRCAP BA3

CONFIGURATION OF THE M22 P BASIK HPA

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Part number
					
-	-	-	-	-	135.147.200
< 20 s	09 BA3	0.9	250	31	135.147.205
20 - 40 s	12 BA3	1.2	270	32	135.147.206
	15 BA3	1.5	350	36	135.147.207
	18 BA3	1.8	400	39	135.147.208

PROJECTORS FOR M22 P BASIK HPA

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output M22 G (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
<20 s	0.9	30	250	31	09 BA 3	031.147.005	134.130.200	132.147.200	033.140.100
20-40 s	1.2	31	270	32	12 BA 3	031.147.006	134.130.300	132.147.200	033.140.100
20-40 s	1.5	32	350	36	15 BA 3	031.147.007	134.130.600	132.147.200	033.140.200
20-40 s	1.8	32	400	39	18 BA 3	031.147.008	134.130.700	132.147.200	033.140.200

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.140.902

M22 P WBE HPA

1 2 3 4 5 6 7

The M22 P WBE HPA uses our new gun body design for outstanding operator comfort. It delivers high volume pressure fed conventional spraying for highly abrasive water-based coatings.

FEATURES	BENEFITS
Product fluid passages in stainless steel	Compatible with water-based materials
Polyurethane needle tip and treated metal needle rod and nozzle	Wear caused by the use of abrasive products is reduced

SPECIFICATIONS

Sprayed materials	Water-based abrasive coatings, porcelain enamels
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Inlet air pressure (bar)	2.5 - 3.5
Air consumption (m³/h)	17.5 - 36.1
Weight (g)	520
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	63 %
Nozzle	Treated metal
Needle	Treated metal
Wetted parts	Stainless steel / Polyurethane

FITTINGS

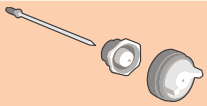
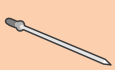
Fitting	Air Inlet	M 1/4" NPS
	Fluid Inlet	M 3/8" NPS

AIRCAP EN3

CONFIGURATION OF THE M22P WBE HPA SPRAY GUN

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width (cm)	Part number
					
< 20s	07 EN3	0.7	200	27.5	135.148.201
	09 EN3	0.9	250	31	135.148.202
20 - 40s	12 EN3	1.2	300	35	135.148.203
	15 EN3	1.5	350	36	135.148.206
	18 EN3	1.8	400	39	135.148.207
> 40s	23 ER3	2.3	400	36	135.148.208

PROJECTORS FOR M22 WBE HPA SPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m³/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
< 20s	0.7	28	200	27.5	07 EN 3	031.148.001	134.135.100	132.140.200	033.148.100
< 20s	0.9	30	250	31	09 EN 3	031.148.002	134.135.200	132.140.200	033.148.100
< 20s	1.2	32.5	300	35	12 EN 3	031.148.003	134.135.300	132.140.200	033.148.100
20 - 40s	1.5	34	350	36	15 EN 3	031.148.006	134.135.600	132.140.200	033.148.100
20 - 40s	1.8	36.1	400	39	18 EN 3	031.148.007	134.135.700	132.140.200	033.148.100
> 40s	2.3	17.5	400	36	23 ER 3	031.148.008	134.136.100	132.145.200	033.148.100

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902
Needle tip kit for nozzles sized 7 to 23 (x10)	129.417.005

M22 P HTV

The HTV is a pressure fed gun with outstanding ergonomics that uses Kremlin's unique Vortex technology to spray low viscosity materials on sharply profiled surfaces.

FEATURES	BENEFITS
New ergonomics and body design Reduced trigger effort	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Product fluid passages in stainless steel	Compatible with water-based materials
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
High transfer efficiency	Important product savings and environmental protection
Fine thread stuffing box	Fine control of the needle tightening torque for an improved sealing
E-Z adjust aircap	Allows adjustment without loosening the retaining ring

SPECIFICATIONS

Sprayed materials	Varnishes / Stains
Body of the gun	Anodized Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	1.5 - 2.5
Maximum fluid pressure (bar)	6
Air consumption (m^3/h)	24(1)
Weight (g)	580
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	65(2)
Nozzle	Stainless steel / PEEK
Needle	Treated stainless steel
Wetted parts	Stainless steel / PEEK

(1) (0,7 bar at the aircap - 2 bar at the handle)
(2) with 22-06 nozzle

FITTINGS

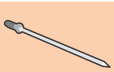
Fitting	Air Inlet	M 1/4" NPS
	Fluid Inlet	M 3/8" NPS

AIRCAP
EV3 K HVLP

CONFIGURATION OF THE M22 P HTV GUN WITH EV3 K HVLP AIRCAP

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Part number
					
14 - 20s	18-04 EV3 K HVLP	0.4	100	25	135.142.201
20 - 30s	18-05 EV3 K HVLP	0.5	240	27.5	135.142.202
30 - 40s	22-06 EV3 K HVLP	0.6	320	30	135.142.203

PROJECTORS FOR M22 P HTV SPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Fan width at 20 cm (cm)	Air consumption (m^3/h)	Fluid output (cc/mn)	Nozzle assembly	Aircap	Treated needle
							
14-20 s	18/04	25	24	100	134.142.100	132.142.100	033.142.100
20-30 s	18/05	27.5	24	240	134.142.200	132.142.100	033.142.100
30-40 s	22/06	30	24	320	134.142.300	132.142.100	033.142.100

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902

■ Special needles and nozzles for M22 P

SPECIAL NEEDLES AND NOZZLES FOR M22 P

Description	Designation	Needle	Nozzle
			
207 T	Treated nozzle and needle	033.140.100	134.135.100
209 T	Treated nozzle and needle	033.140.100	134.135.200
212 T	Treated nozzle and needle	033.140.100	134.135.300
215 T	Treated nozzle and needle	033.140.200	134.135.600
218 T	Treated nozzle and needle	033.140.200	134.135.700
223 T	Treated nozzle and needle	033.140.300	134.136.100
227 T	Treated nozzle and needle	033.140.300	134.136.200
233 T	Treated nozzle and needle	033.140.400	134.136.300
240 T	Treated nozzle and needle	033.140.400	134.136.400

NEEDLE WITH POLYACETAL END FOR M22 P HTI AND HPA (OPTIONAL)

Description	Nozzles Size (mm)	Part number
		
Polyacetal needle end	0.7 - 0.9 - 1.2 - 1.3	033.140.500
Polyacetal needle end	1.4 - 1.5 - 1.8	033.140.600

M22 A HPA

1 2 3 4 5 6 7

The M22 A HPA is a suction fed gun with unsurpassed ergonomics designed for hard to atomize coatings.

FEATURES	BENEFITS
New ergonomics and body design Reduced trigger effort	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
Fine thread stuffing box	Fine control of the needle tightening torque for an improved sealing
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
Reduced number of components	Easy maintenance

SPECIFICATIONS

Sprayed materials	Virtually all coatings
Body of the gun	Anodised Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	2 - 3
Air consumption (m^3/h)	23 - 29.7
Weight (with cup) (g)	980
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	62%
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel/aluminum

FITTINGS

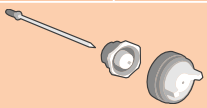
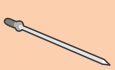
Fitting	Air Inlet	M 1/4" NPS (+ M 1/4" BSP)
	Fluid inlet (SM6 suction cup 1l)	M 3/8" NPS

AIRCAP EN 2

CONFIGURATION OF THE M22 A HPA

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Cup	Part number
						
-	-	-	-	-	SM6 (1 L) (Aluminum)	136.145.200
< 20 s	12 EN 2	1.2	100	16		136.145.211
20 - 40 s	15 EN 2	1.5	223	26.5		136.145.212
	18 EN 2	1.8	270	27		136.145.213

PROJECTORS FOR SUCTION-FED M22 A HPA GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Treated needle
									
< 20 s	1.2	23	100	16	12 EN 2	031.145.011	134.130.300	132.145.100	033.140.100
20 - 40 s	1.5	27	223	26.5	15 EN 2	031.145.012	134.130.600	132.145.100	033.140.200
	1.8	29.7	270	27	18 EN 2	031.145.013	134.130.700	132.145.100	033.140.200
> 40 s	2.3	19	320	30	23 ER 1	031.145.030	134.131.100	132.145.800	033.140.300
	2.7	20	340	32	27 ER 1	031.145.031	134.131.200	132.145.800	033.140.300

SEAL KITS

Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.130.902

M22 A BASIK HPA

1 2 3 4 5 6 7

The M22 A BasiK HPA is our economy gun with unsurpassed ergonomics.
It is designed for conventional suction fed spraying.

FEATURES	BENEFITS
Polished aluminum body	Easy and quick maintenance
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
New design of the BA aircap	Spraying quality guaranteed

SPECIFICATIONS

Sprayed materials	Virtually all coatings
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	2.5 - 3.5
Air consumption (m^3/h)	24
Weight (with cup) (g)	1000
Transfer efficiency in % (EN 13966-1)	62
Maximum Fluid Temperature (°C)	50
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel, aluminum

FITTINGS

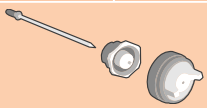
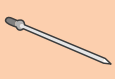
Fitting	Air Inlet	M 1/4" NPS (+ M 1/4" BSP)
	Fluid Inlet	M 3/8" NPS

AIRCAP BA2

CONFIGURATION OF THE M22 A BASIK HPA

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Cup	Part number
						
-	-	-	-	-	SM6 (1L)	136.147.200
20 - 40 s	15 BA2	1.5	220	24.5	SM6 (1L)	136.147.201
	18 BA2	1.8	300	25	SM6 (1L)	136.147.202

PROJECTORS FOR M22 A BASIK HPA

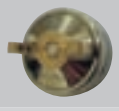
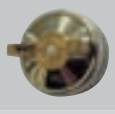
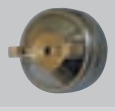
Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output M22 G (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
20-40	1.5	24	220	24.5	15 BA 2	031.147.001	134.130.600	132.147.100	033.140.200
20-40	1.8	24	300	25	18 BA 2	031.147.002	134.130.700	132.147.100	033.140.200

SEAL KITS

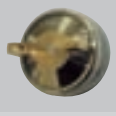
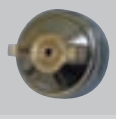
Description	Part number
Seal kit	129.130.901
Repair kit (includes the seal kit)	129.140.902

■ Aircaps for M22 airspray guns

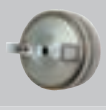
AIRCAPS FOR HTI AND HTV AIRSPRAY GUNS

	E3 K HVLP	E5 K HVLP	EP 3	EP 5	EV 3
					
Guns	M22 P HTi	M22 G HTi	M22 P HTI	M22 G HTi	M22 P HTV
Fan shape	Flat	Flat	Flat	Flat	Flat swirling fan
Atomization Type	HTI	HTi	HTi	HTi	HTi
Atomization quality	Excellent	Excellent	Excellent	Excellent	Excellent
Transfer efficiency	76%	76%	74%	74%	65%
Air consumption @ 2 bar	23 - 33 m³/h	27.2 m³/h	20.2 - 29 m³/h	20.2 m³/h	24 m³/h
Nozzle size	07/18	12/22	07/18	12/22	04/06

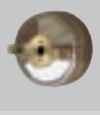
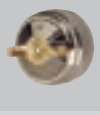
AIRCAPS FOR HPA AIRSPRAY GUNS

	EN 5	EN 2	EN 3
			
Guns	M22 G HPA	M22 A HPA	M22 P HPA
Fan shape	Flat	Flat	Flat
Atomization Type	HPA	HPA	HPA
Atomization quality	Very Good	Very Good	Very Good
Transfer efficiency	65%	62%	63%
Air consumption @ 2 bar	26.5 m³/h	23 - 29.7 m³/h	28 - 36.1 m³/h
Nozzle size	12/22	12/18	07/18

AIRCAPS FOR HPA BASIK AIRSPRAY GUNS

	BA 5	BA 2	BA 3
			
Guns	M22 G BasiK HPA	M22 A BasiK HPA	M22 P BasiK HPA
Fan shape	Flat	Flat	Flat
Atomization Type	HPA	HPA	HPA
Atomization quality	Good	Good	Good
Transfer efficiency	65%	62%	63%
Air consumption @ 2 bar	28 m³/h	24 m³/h	32 m³/h
Nozzle size	18	15/18	09/12/15/18

AIRCAPS FOR HPA AIRSPRAY GUNS

	ER1	ER3	ER4	ER9	ES3	ES9	EG1
							
Gun designation	M22 A HPA	M22 P HPA	M22 P HPA	M22 P HPA	M22 P HPA	M22 P HPA	M22 P HPA
Fan shape	Flat	Flat	Flat	Round	Flat	Round	Flat
Atomization Type	HPA	HPA	HPA	Conventional	Conventional	Conventional	Conventional
Atomization quality	Very good	Very good	Very good	Excellent	Good	Very good	Excellent
Nozzle size	23/27	23/27	23/27	23/27	33/40	33/40	15/18

NOTES

S3 G HTI

1 2 3 4 5 6 7

The S3 G HTi is our most compact gravity fed gun with oustanding ergonomics designed for small hands and tight areas where touch up or shading is required.

FEATURES	BENEFITS
New ergonomics and body design	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
In-line air valve assembly	Fine adjustment and long lasting components
1 finger trigger	For an improved application accuracy
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
PEHD cup	Compatible with water-based materials

SPECIFICATIONS

Sprayed materials	Shades, varnishes, lacquers, stains, polyurethans, 2 component
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	1.5 - 2.5
Air consumption (m³/h)	7.5(1)
Weight (with cup) (g)	515
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

(1) (0,7 bar at the aircap - 2 bar at the handle)

FITTINGS

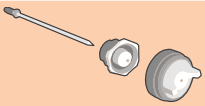
Fitting	Air Inlet	M 1/4" NPS
	Fluid inlet (gravity cup)	-

AIRCAP ESG KHVLP

CONFIGURATION OF THE S3 G HTI SPRAY GUN

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Cup	Projector Part number
						
-	-	-	-	-	PEHD 0.25L (grey)	136.155.100
14 - 20s	08 ESG KHVLP	0.8	68	14		136.155.112
14 - 20s	10 ESG KHVLP	1.0	100	21		136.155.113
20 - 30s	12 ESG KHVLP	1.2	130	24		136.155.114

PROJECTORS FOR S3 G HTI SPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m³/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
<20 s	0.8	7.5	68	14	08 ESG KHVLP	031.150.012	134.630.400	132.150.200	033.150.100
14 - 20s	1.0	7.5	100	21	10 ESG KHVLP	031.150.013	134.630.100	132.150.200	033.150.500
20 - 40s	1.2	7.5	130	24	12 ESG KHVLP	031.150.014	134.630.200	132.150.200	033.150.200

SEAL KITS

Description	Part number
Seal kit	129.150.901
Repair kit (includes the seal kit)	129.150.902

S3 G HPA

1 2 3 4 5 6 7

The S3 G HPA is our most compact gun designed for small hands and tight areas where touch-up is required.

FEATURES	BENEFITS
New ergonomics and body design	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Reduced air consumption	Energy savings
In-line air valve assembly	Fine adjustment and long lasting components
2 different projectors: AM and PGL	2 types of application possible: AM (flat fan) and PGL (special line round fan)
1 finger trigger	For an improved application accuracy
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
PEHD cup	Compatible with water-based materials

SPECIFICATIONS

Sprayed materials	Shades, varnishes, lacquers, stains, polyurethans, 2 component
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	2.5 - 3.5
Air consumption (m^3/h)	8-10
Weight (with cup) (g)	515
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

FITTINGS

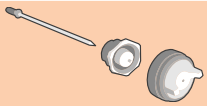
Fitting	Air Inlet	M 1/4" NPS
	Fluid inlet (gravity cup)	-

AIRCAP
AM
PGL

CONFIGURATION OF THE S3 G HPA SPRAY GUN

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Cup	Part number
						
-	-	-	-	-	PEHD 0.25L (grey)	136.155.100
14-20 s	08 AM	0.8	86	15	PeHD 0,25L (grey)	136.155.108
14-20 s	08 AM	0.8	86	15	Polyacetal 0,25 l (white)	136.156.108
20-30 s	10 AM	1.0	142	22	PeHD 0,25l (grey)	136.155.109
30-40 s	12 AM	1.2	180	24.5	PeHD 0,25l (grey)	136.155.110
20-30 s	10 PGL	1.0	148	13	PeHD 0,25l (grey)	136.155.107

PROJECTORS FOR S3G HPA SPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
<20 s	0.8	12.9	86	15	08 AM	031.150.008	134.630.400	132.630.400	033.150.100
	1.0	12.9	142	17	10 AM	031.150.009	134.630.100	132.630.400	033.150.500
	1.2	12.9	180	19	12 AM	031.150.010	134.630.200	132.630.400	033.150.200
20-30 s	1.0	4	148	13	10 PGL	031.150.007	134.640.100	132.640.100	033.150.300

SEAL KITS

Description	Part number
Seal kit	129.150.901
Repair kit (includes the seal kit)	129.150.902

S3 A HPA

The S3 A HPA is our most compact suction fed gun with outstanding ergonomics for small hands and tight touch-up areas.

FEATURES	BENEFITS
New ergonomics and body design	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Reduced air consumption	Energy savings
In-line air valve assembly	Fine adjustment and long lasting components
2-finger trigger	Improved comfort for more productivity
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
PEHD cup	Compatible with water-based materials

SPECIFICATIONS

Sprayed materials	Shades, varnishes, lacquers, stains, polyurethans, 2 component
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	2.5 - 3.5
Air consumption (m^3/h)	8-11
Weight (with cup) (g)	595
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

FITTINGS

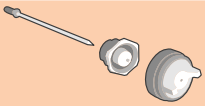
Fitting	Air Inlet	M 1/4" NPS
	Fluid inlet (0.25l PeHD suction cup)	M 1/4" NPS

AIRCAP
AM
AY

CONFIGURATION OF THE S3 A HPA SPRAY GUN

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Air consumption (m^3/h)	Fan width at 20 cm (cm)	Cup	Part number
							
-	-	-	-	-	-	PeHD 0.25l (grey)	136.150.200
14-20 s	08 AM	0.8	86	12.9	15		136.150.208
20-30 s	10 AM	1.0	132	12.9	17		136.150.209
30-40 s	12 AM	1.2	159	12.9	19		136.150.210
	15 AY	1.5	180	14.1	20		136.150.211

PROJECTORS FOR S3 A HPA AIRSPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Air consumption (m^3/h)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
<20 s	0.8	86	15	12.9	08 AM	031.150.008	134.630.400	132.630.400	033.150.100
	1.0	142	17	12.9	10 AM	031.150.009	134.630.100	132.630.400	033.150.500
	1.2	180	19	12.9	12 AM	031.150.010	134.630.200	132.630.400	033.150.200
20-40 s	1.5	180	20	14.1	15 AY	031.150.011	134.630.300	132.630.200	033.150.400

SEAL KITS

Description	Part number
Seal kit	129.150.901
Repair kit (includes the seal kit)	129.150.902

S3 P HTI

1 2 3 4 5 6 7

The S3 P HTi is our most compact pressure fed gun with outstanding ergonomics designed for small hands and tight areas where touch-up or shading is required.

FEATURES	BENEFITS
New ergonomics and body design	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
In-line air valve assembly	Fine adjustment and long lasting components
2-finger trigger	Improved comfort for more productivity

SPECIFICATIONS

Sprayed materials	Shades, varnishes, lacquers, stains, polyurethans, 2 component
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	1.5 - 2.5
Air consumption (m^3/h)	12
Weight (g)	388
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

FITTINGS

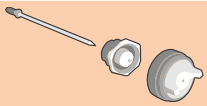
Fitting	Air Inlet	M 1/4" NPS
	Fluid Inlet	M 1/4" NPS

AIRCAP EPX KHVLP

CONFIGURATION OF THE S3 P HTI SPRAY GUN

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Part number
					
-	-	-	-	-	135.150.200
14-20 s	08 EPX KHVLP	0.8	300	25	135.150.204
20-30 s	10 EPX KHVLP	1.0	461	26	135.150.205
30-40 s	12 EPX KHVLP	1.2	745	26	135.150.206

PROJECTORS FOR S3 P HTI SPRAY GUNS

Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Nozzle	Aircap	Needle
									
14-20 s	0.8	12	80	25	08 EPX KHVLP	031.150.004	134.630.400	132.150.100	033.150.100
20-40 s	1.0	12	92	26	10 EPX KHVLP	031.150.005	134.630.100	132.150.100	033.150.500
20-40 s	1.2	12	131	26	12 EPX KHVLP	031.150.006	134.630.200	132.150.100	033.150.200

SEAL KITS

Description	Part number
Seal kit	129.150.901
Repair kit (includes the seal kit)	129.150.902

S3 P HPA

The S3 P HPA is our most compact pressure fed gun with outstanding ergonomics for small hands and tight touch-up areas.

FEATURES	BENEFITS
New ergonomics and body design	The gun is part of the operator's arm who can focus on the application and the spraying movement for an improved quality
Unique aircap design	Unsurpassed finish quality with perfectly balanced fan
E-Z adjust aircap	Allows adjustment without loosening the retaining ring
Reduced air consumption	Energy savings
In-line air valve assembly	Fine adjustment and long lasting components
2-finger trigger	Improved comfort for more productivity

SPECIFICATIONS

Sprayed materials	Shades, varnishes, lacquers, stains, polyurethans, 2 component
Body of the gun	Polished Forged Aluminum
Maximum air inlet pressure (bar)	6
Recommended atomization air pressure (bar)	3
Air consumption (m^3/h)	10
Weight (g)	387
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Nozzle	Stainless steel
Needle	Stainless steel
Wetted parts	Stainless steel

FITTINGS

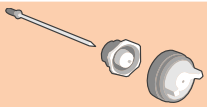
Fitting	Air Inlet	M 1/4" NPS
	Fluid Inlet	M 1/4" NPS

AIRCAP
PX
PGL

CONFIGURATION OF THE S3 P HPA SPRAY GUN

Max Fluid viscosity in CA 4	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Part number
					
-	-	-	-	-	135.150.200
14-20 s	08 PX	0.8	307	23	135.150.201
20-30 s	10 PX	1.0	506	23.5	135.150.202
30-40 s	12 PX	1.2	731	25	135.150.203
20-30 s	10 PGL	1.0	148	13	135.150.207

PROJECTORS FOR M22 P HPA SPRAY GUNS

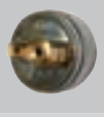
Max Fluid viscosity in CA 4	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid output (cc/mn)	Fan width at 20 cm (cm)	Projector Type	Projector Part number	Aircap	Needle	Nozzle
									
14-20	0.8	10	307	23	08 PX	031.150.001	132.631.100	033.150.100	134.630.400
20-30	1.0	10	506	23.5	10 PX	031.150.002	132.631.100	033.150.500	134.630.100
30-40	1.2	10	731	25	12 PX	031.150.003	132.631.100	033.150.200	134.630.200
20-30 s	1.0	4	148	13	10 PGL	031.150.007	132.640.100	033.150.300	134.640.100

SEAL KITS

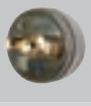
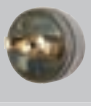
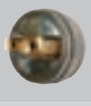
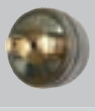
Description	Part number
Seal kit	129.150.901
Repair kit (includes the seal kit)	129.150.902

■ Aircaps for S3 airspray guns

AIRCAPS FOR HTI AIRSPRAY GUNS

	ESG K HVLP	EPX K HVLP
		
Guns	S3 G HTi	S3 P HTi
Fan shape	Flat	Flat
Atomization Type	HTi	HTi
Atomization Quality	Excellent	Excellent
Air consumption @ 2 bar	7.5 m^3/h	12 m^3/h
Nozzle size	08/12	08/12

AIRCAPS FOR HPA AIRSPRAY GUNS

	AM	AM	AY	PX
				
Guns	S3 G HPA	S3 A HPA	S3 A HPA	S3 P HPA
Fan shape	Flat	Flat	Flat	Flat
Atomization Type	HPA	HPA	HPA	HPA
Atomization quality	Very good	Very good	Very good	Very good
Transfer efficiency	72%	52%	54%	76%
Air consumption @ 2 bar	10 m^3/h	13 m^3/h	14 m^3/h	10 m^3/h
Nozzle size	08/12	08 /15	15	08/12

AIRCAPS FOR HPA AIRSPRAY GUNS - AIRCAPS FOR THE LINE

	PGL	PGL
		
Guns	S3 G HPA	S3 P HPA
Fan shape	Line	Line
Atomization type	HPA	HPA
Atomization quality	Very good	Very good
Nozzle size	10	10

■ Extensions for M22 pressure fed guns

Designed for painting the inside of tubes (360° circular fan) or the inside of cavities (lateral fan)

EXTENSIONS FOR PRESSURE-FED M22 SPRAY GUNS				
Fan type	**Internal diameter (mm)**	**Length in mm**	**Nozzle type**	**Part number**
Cone	8	150	12	075.900.213
Cone	8	150	18	075.900.224
Lateral	8	250	12	075.900.111
Lateral	8	250	18	075.900.122
Lateral	8	400	12	075.900.311
Lateral	8	400	18	075.900.322

■ Gravity cups

The white cup is for water or solvent based paints; the grey cup is for polyurethanes and pre-catalyzed paints

PART NUMBERS GRAVITY CUPS FOR M22G				
Description	**Material**	**Capacity (L)**	**Fitting**	**Part number**
White cup (solvent and water-based paints)	Polyacetal	0.25	1/4" BSP	139.280.200
White Cup (solvent or water-based paints)	Polyacetal	0.6	1/4" BSP	139.270.200
Grey cup (PU and pre-catalyzed paints)	PEHD	0.6	1/4" BSP	139.270.250

PART NUMBER GRAVITY CUP FOR S3 G				
Description	**Material**	**Capacity (L)**	**Fitting**	**Part number**
White cup (solvent and water-based paints)	Polyacetal	0.25	1/4" BSP	139.280.200
Grey cup (PU- and pre-catalysed paints)	PEHD	0.25	1/4" BSP	139.280.250

SEAL PACKS AND SCREENS		
Designation	**Quantity**	**Part number**
Pack of non-drip plugs for 0.25 liter and 0.6 liter cups	5	139.270.210
Pack of screens for 0.25 liter and 0.6 liter cups (200 µm)	5	139.270.220

■ Suction cup - with non-drip system

1/4 turn quick opening SM6 aluminum twist cup (for M22 and M21 ranges)
1/4 turn quick opening PeHD cup (for S3A)

CUP PART NUMBERS FOR M22A				
Description	**Material**	**Fitting**	**Capacity (L)**	**Part number**
Complete SM6 standard suction cup	Aluminum	F3/8'' NPS	1	138.360.000
Fitted cover (with tube)	Aluminum	F 3/8'' NPS	-	138.360.200
Cup only	Aluminum	-	1	138.350.100

CUP PART NUMBER FOR S3 A				
Description	**Fitting**	**Material**	**Capacity (L)**	**Part number**
Suction cup (grey)	F 1/4" NPS	PeHD	0.25	138.390.000

SEAL PACKS FOR SM6		
Description	**Quantity**	**Part number**
Pack of cup seals	10	138.010.900
Pack of filters	4	138.310.300
Pack of non-drip plugs	5	138.350.901
Pack of filters for SM5 (old model)	4	138.010.800

SEAL PACKS FOR S3 A CUP		
Description	**Quantity**	**Part number**
Pack of 5 non-drip plugs for 0.25 L and 0.6 L cups	5	139.270.210
Pack of filters	4	138.310.300

■ Gravity pressure cup for M22 GSP

PART NUMBER				
Description	**Material**	**Capacity (L)**	**Fitting**	**Part number**
Pressure cup	PeHD (grey)	0.6	1/4" BSP	139.270.260

■ Cup paper filter

Disposable filter paper, used to strain the paint before pouring it into the cups.

POCHETTE		
Description	**Quantity**	**Part number**
Pack of paper filter (280µ)	10	151.399.903

■ Funnels with removable strainers for cups

FUNNELS			
Description	**Internal diameter (mm)**	**Use**	**Part number**
Funnel with 2 strainers Ø = 50 mm - 210 and 510 µ	105	For cups	057.080.000

STRAINERS			
Description	**Internal diameter (mm)**	**Size (µ)**	**Part number**
Spare strainer	50	210	057.070.200
Spare element Ø = 50 mm - 510 µ	50	510	057.070.100

■ Hose sleeve

PART NUMBER			
Description	**Internal diameter (mm)**	**Length (m)**	**Part number**
Hoses Sleeve	40	10	129.270.087

■ Accessories and filters for airspray guns

FLUID INLET FILTER			
Description	**Fittings on gun**	**Hoses thread**	**Part number**
Fluid Inlet filter with N°6 screen for M22 spray guns	F 3/8" NPS	M 3/8" NPS	129.140.030

SEAL PACKS FOR FLUID INLET FILTER		
Description	**Quantity**	**Part number**
Pack of n°6 screens	10	151.399.902
Pack of seals	10	149.949.901

Accessories and filters for airspray guns (continued)

VARIOUS ACCESSORIES

Image	Description	Fittings on gun	Hoses thread	Part number
	Air inlet swivel fitting	M1/4'' G - F 1/4'' G		129.020070
	Air inlet quick-disconnect fitting	F 1/4" NPS / M 1/4" NPS		905.030.105
	Gun inlet pressure gauge for HVLP compliance testing	MF 1/4'' NPS		150.070.560
	Table stand for gravity-fed spray gun	-		049.221.800
	Wall support for gravity-fed spray gun	-		049.221.900

NOTES

A35 HTI SPRAY GUN - STAINLESS STEEL

Modular design for High Volume Production with an outstanding finish quality - HTi technology.

FEATURES	BENEFITS
Excellent atomization quality with outstanding transfer efficiency	Excellent finish quality, reduced paint costs, cleaner working environment, lower booth maintenance
Modular design	Quick service: only 4 bolts to unscrew, no need to remove hoses
Built-in valve	Non air-bleeding gun
Indexed aircap 0 - 90°	Perfect readjustment of fan pattern
Fluid output adjustment by indexed button	High precision fluid regulation
Stainless steel design	Compatible with water-based materials

SPECIFICATIONS	
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Trigger air pressure (bar mini)	3
Recommended atomization air pressure (bar)	2 - 2.5
Fluid output (cc/mn)	Upon nozzle (see table)
Weight (g) (gun only)	497
Maximum Fluid Temperature (°C)	50
Transfer efficiency in % (EN 13966-1)	74 (E3 KHVLP) - 72 (EP3)
Air consumption (m^3/h)	20 - 30
Wetted parts	Stainless steel - treated stainless steel

BASE FOR A35 HTI GUNS		
Type	Side outputs	Rear outputs
Fluid circulation	Circulation in the base	Circulation in the base ()
Material (base plate)	Aluminum with stainless steel insert	Aluminum with stainless steel insert
Weight (g)	240	480

FITTINGS		
Power supply	Gun base	Fittings supplied, non fitted
Fluid	F 1/4" NPS	Quick fittings - Ø 6 x 8 hose
Atomization air	F 1/4" NPS	M 1/4 NPS - air hose int Ø 8 mini
Pilot air	F 1/8" NPS	Quick fittings -air hose Ø 4x6

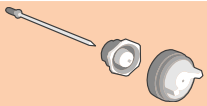
AIRCAP
E3 KHVLP

CONFIGURATION OF THE A35 HTI GUN FITTED WITH BASE - E3 KHVLP AIRCAP

Description	Projector type	Base type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm) Minimum	Fan width at 20 cm (cm) Maximum	Part number
							
A35 HTi	06 E3 KHVLP	Side outputs	0.6	150	10	25	135.300.112
A35 HTi		Rear outputs					135.300.212
A35 HTi	07 E3 KHVLP	Side outputs	0.7	200	10	29	135.300.101
A35 HTi		Rear outputs					135.300.201
A35 HTi	09 E3 KHVLP	Side outputs	0.9	250	10	35	135.300.102
A35 HTi		Rear outputs					135.300.202
A35 HTi	12 E3 KHVLP	Side outputs	1.2	300	10	38	135.300.103
A35 HTi		Rear outputs					135.300.203
A35 HTi	15 E3 KHVLP	Side outputs	1.5	350	10	41	135.300.104
A35 HTi		Rear outputs					135.300.204
A35 HTi	18 E3 KHVLP	Side outputs	1.8	400	10	43	135.300.105
A35 HTi		Rear outputs					135.300.205

A35 HTI SPRAY GUN - STAINLESS STEEL

PROJECTORS E3 K HVLP FOR A35 HTI GUNS

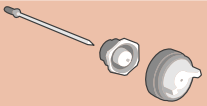
Product viscosity in CA4 (s) or centipoises (cps)	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid flow rate (l/mn)	Fan width at 20 cm (cm) Maximum	Fan width at 20 cm (cm) Minimum	Projector Type	Projector Part number	Nozzle part number	Aircap Part number	Needle part number
										
< 20 s	0.6	20 - 30	150	25	10	06 E3 K HVLP	031.300.012	134.130.050	132.300.100	033.300.100
	0.7	20 - 30	200	29	10	07 E3 K HVLP	031.300.001	134.130.100	132.300.100	033.300.100
	0.9	20 - 30	250	35	10	09 E3 K HVLP	031.300.002	134.130.200	132.300.100	033.300.100
	1.2	20 - 30	300	38	10	12 E3 K HVLP	031.300.003	134.130.300	132.300.100	033.300.100
20 - 40 s	1.5	20 - 30	350	41	10	15 E3 K HVLP	031.300.004	134.130.600	132.300.100	033.300.200
	1.8	20 - 30	400	43	10	18 E3 K HVLP	031.300.005	134.130.700	132.300.100	033.300.200

AIRCAP EP3 

CONFIGURATION OF THE A35 HTI GUN FITTED WITH BASE - EP3 AIRCAP

Description	Projector type	Base type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm) Minimum	Fan width at 20 cm (cm) Maximum	Part number
							
A35 HTi	06 EP3	Side outputs	0.6	150	10	24	135.300.111
A35 HTi		Rear outputs					135.300.211
A35 HTi	07 EP3	Side outputs	0.7	200	10	25	135.300.106
A35 HTi		Rear outputs					135.300.206
A35 HTi	09 EP3	Side outputs	0.9	250	10	31	135.300.107
A35 HTi		Rear outputs					135.300.207
A35 HTi	12 EP3	Side outputs	1.2	300	10	32	135.300.108
A35 HTi		Rear outputs					135.300.208
A35 HTi	15 EP3	Side outputs	1.5	350	10	34	135.300.109
A 35 HTi		Rear outputs					135.300.209
A35 HTi	18 EP3	Side outputs	1.8	400	10	38	135.300.110
A 35 HTi		Rear outputs					135.300.210

PROJECTORS EP3 FOR A35 HTI GUNS

Product viscosity in CA4 (s) or centipoises (cps)	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid flow rate (l/mn)	Fan width at 20 cm (cm) Maximum	Fan width at 20 cm (cm) Minimum	Projector Type	Projector Part number	Nozzle part number	Aircap Part number	Needle part number
										
< 20 s	0.6	21 - 29	150	24	10	06 EP3	031.300.011	134.130.050	132.300.300	033.300.100
	0.7	21 - 29	200	25	10	07 EP3	031.300.006	134.130.100	132.300.300	033.300.100
	0.9	21 - 29	250	31	10	09 EP3	031.300.007	134.130.200	132.300.300	033.300.100
	1.2	21 - 29	300	32	10	12 EP3	031.300.008	134.130.300	132.300.300	033.300.100
20 - 40 s	1.5	21 - 29	350	34	10	15 EP3	031.300.009	134.130.600	132.300.300	033.300.200
	1.8	21 - 29	400	38	10	18 EP3	031.300.010	134.130.700	132.300.300	033.300.200

SUPPORTS

Description	Part number
Mounting support Ø 16	049.351.000
Mounting support Ø 12	049.351.700
Adjustable mounting support for Ø12 support	049.351.705
Protective cap (x10)	106.380.818

KIT

Description	Part number
Remote adjusting fan width kit	029.253.002

A 35 HPA SPRAY GUN - STAINLESS STEEL

Modular design for High Volume Production with an excellent finish quality - HPA technology. Wide fan pattern available.

FEATURES	BENEFITS
Excellent atomization quality with outstanding transfer efficiency	Excellent finish quality, reduced paint costs, cleaner working environment, lower booth maintenance
New EN 3L aircap	Unsurpassed wide fan pattern
Modular design	Quick service: only 4 bolts to unscrew, no need to remove hoses
Built-in valve	Non air-bleeding gun
Indexed aircap 0 - 90°	Perfect readjustment of fan pattern
Fluid output adjustment by indexed button	High precision fluid regulation
Stainless steel design	Compatible with water-based materials

SPECIFICATIONS	
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Trigger air pressure (bar mini)	3
Recommended atomization air pressure (bar)	3 - 5
Fluid output (cc/mn)	Upon nozzle (see table)
Weight (g) (gun only)	497
Maximum Fluid Temperature (°C)	50
Air consumption (m^3/h)	33
Wetted parts	Stainless steel - treated stainless steel

FITTINGS		
Power supply	Gun base	Fittings supplied, non fitted
Fluid	F 1/4" NPS	Quick fitting - Ø 6 x 8 hose
Atomization air	F 1/4" NPS	M 1/4" NPS - air hose Ø 7mm int
Pilot air	F 1/8" NPS	Quick fittings - air hose Ø 4x6

CONFIGURATION OF THE A35 HPA GUN WITHOUT BASE

Description	Aircap	Nozzle	Part number
A35 HPA without projector, w/o base	-	-	129.305.000

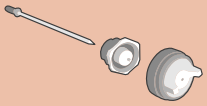
AIRCAP EN 3L

CONFIGURATION OF THE A35 HPA GUN FITTED WITH BASE

Description	Projector type	Base type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm) Minimum	Fan width at 20 cm (cm) Maximum	Part number
							
A35 HPA	06 EN 3L	Side outputs	0.6	150	10	30	135.305.106
A35 HPA		Rear outputs					135.305.206
A35 HPA	07 EN 3L	Side outputs	0.7	200	10	31	135.305.101
A35 HPA		Rear outputs					135.305.201
A35 HPA	09 EN 3L	Side outputs	0.9	250	10	34	135.305.102
A35 HPA		Rear outputs					135.305.202
A35 HPA	12 EN 3L	Side outputs	1.2	300	10	38	135.305.103
A35 HPA		Rear outputs					135.305.203
A35 HPA	15 EN 3L	Side outputs	1.5	350	10	39	135.305.104
A35 HPA		Rear outputs					135.305.204
A35 HPA	18 EN 3L	Side outputs	1.8	400	10	41	135.305.105
A35 HPA		Rear outputs					135.305.205

A 35 HPA SPRAY GUN - STAINLESS STEEL

PROJECTORS EN 3L FOR A35 HPA GUNS

Product viscosity in CA4 (s) or centipoises (cps)	Nozzles	Fan width at 20 cm (cm)		Air consumption (m^3/h)	Fluid flow rate (l/mn)	Projector		Nozzle	Aircap	Needle
	Size (mm)	Minimum	Maximum			Type	Part number	part number	Part number	part number
										
< 20 s	0.6	10	30	24 - 44	150	06 EN 3L	031.305.006	134.130.050	132.305.200	033.300.100
	0.7	10	31	24 - 44	200	07 EN 3L	031.305.001	134.130.100	132.305.200	033.300.100
	0.9	10	34	24 - 44	250	09 EN 3L	031.305.002	134.130.200	132.305.200	033.300.100
	1.2	10	38	24 - 44	300	12 EN 3L	031.305.003	134.130.300	132.305.200	033.300.100
20 - 40 s	1.5	10	39	24 - 44	350	15 EN 3L	031.305.004	134.130.600	132.305.200	033.300.200
	1.8	10	41	24 - 44	400	18 EN 3L	031.305.005	134.130.700	132.305.200	033.300.200

SUPPORTS

Description	Part number
Mounting support Ø 16	049.351.000
Mounting support Ø 12	049.351.700
Adjustable mounting support for Ø12 support	049.351.705
Protective cap (x10)	106.380.818

KITS

Description	Part number
Remote adjusting fan width kit	029.253.002

A25F FLOWMAX® GUN - STAINLESS STEEL

Flowmax® technology: unsurpassed reliability and multi-products use
The A25F Flowmax® gun is designed for an intensive use. The sealing of the gun is made with a bellow guaranteeing an high level of reliability.
It is recommended for spraying paints, glues, water-based materials and UV products.

FEATURES	BENEFITS
Excellent atomization quality with outstanding transfer efficiency	Excellent finish quality, reduced paint costs, cleaner working environment, lower booth maintenance
Unique custom-made design of fluid passages at the bellow level	Optimized flushing and fluid circulation
Adoption of a bellow seal	Increased reliability
Compatible with solvent or water-based materials	Universal use meeting most requirements and unique on the market!
Flushin volume optimized by the bellow technology	Easy flushing and product savings
Modular design	The body of the gun can be easily removed from the base: only 4 bolts needed to release, no need to remove hoses and it maintains optimal position even after servicing Dismounting and set-up without hose removal

Gun shown fitted on base

SPECIFICATIONS	
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Trigger air pressure (bar mini)	4
Fluid output (l/mn)	upon nozzle
Weight (g) (gun only)	985
Weight (g) (gun with base plate)	1280
Maximum Fluid Temperature (°C)	50
Air consumption (m3/h)	24 (2.5 bar)
Body of the gun	Stainless steel
Wetted parts	Stainless steel - PTFE

FITTINGS		
Power supply	Gun base	Non fitted supplied fitting
Fluid	F 1/4" NPS	Elbow M 1/4" BSP - Ø 6x8 hose
Control Air	F 1/8" NPS	M 1/8" BSP - Ø 4x6 hose
Spraying air	F 1/4" NPS	Straight M 1/4" BSP - M 1/4" NPS for conductive hose Ø8 int min

AIRCAP N3C

A 25F FLOWMAX® GUN KIT WITH BASE

Description	Projector type	Max Fluid viscosity in CA 4	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm) Minimum	Fan width at 20 cm (cm) Maximum	Part number with base
							
A25F Flowmax®	07 N3C	20 - 30s	0.7	200	10	24	151.260.809
A25F Flowmax®	09 N3C	20 - 30s	0.9	250	10	26	151.260.810
A25F Flowmax®	12 N3C	20 - 30s	1.2	300	10	34	151.260.811

A25F FLOWMAX® GUN - STAINLESS STEEL

PART NUMBERS

Product viscosity in CA4 (s) or centipoises (cps)	Description	Tip Size (mm)	Air consumption (m^3/h)	Fluid flow rate (l/mn)	Fan width at 20 cm (cm)		Nozzle	Aircap		Needle
					Minimum	Maximum	part number	Type	part number	Part number for A25F
										
< 20 s	07 N 3C	0.7	22	180	6	35	134.021.100	N 3C	132.021.750	033.420.100
	09 N 3C	0.9	22	250	6	35	134.020.100	N3C	132.021.750	033.420.100
	12 N 3C	1.2	22	350	6	35	134.020.200	N3C	132.021.750	033.420.100
	07 N 23C	0.7	22	180	6	35	134.021.100	N 23C	132.021.700	033.420.100
	09 N 23C	0.9	22	250	6	35	134.020.100	N 23C	132.021.700	033.420.100
	12 N 23C	1.2	22	350	6	35	134.020.200	N 23C	132.021.700	033.420.100
	07 LP 23	0.7	22	180	6	35	134.021.100	LP 23	132.060.100	033.420.100
	209 LP 23	0.9	22	250	6	35	134.020.100	LP23	132.060.100	033.420.100
	212 LP 23	1.2	22	350	6	35	134.020.200	LP 23	132.060.100	033.420.100

SUPPORTS

Description	Part number
Mounting support Ø 16	049.351.000
Mounting support Ø 12	049.351.700
Adjustable mounting support for Ø12 support	049.351.705
Protective cap (x10)	106.380.818

KITS

Description	Part number
Remote adjusting fan width kit	029.253.002

A 29 HTI SPRAY GUN

Universal gun suitable for a wide range of applications - Recommended for filled materials and small output applications requiring high precision.
High finish quality thanks to HTi technology.

FEATURES	BENEFITS
High opening/closing frequency	Intensive production
Needle sealing done by a self-adjusting cartridge	Outstanding reliability
Independant fan and atomization control	Optimized finish quality and pattern size
Indexed aircap 0 - 90°	Perfect readjustment of fan pattern
Fluid output adjustment by indexed button	High precision fluid regulation
Optimized inlet and outlet fluid ports	Optimum spraying of high viscosity materials (circulation recommended to keep product homogeneity)

SPECIFICATIONS

Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Trigger air pressure (bar mini)	3
Fluid output (l/mn)	upon tip
Weight (g) (gun only)	585
Maximum Fluid Temperature (°C)	50
Air consumption (m^3/h)	20 - 30
Fluid circulation	yes
Wetted parts	Stainless steel - Treated stainless steel

FITTINGS

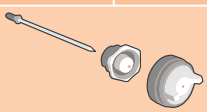
Power supply	Gun	Hoses
Fluid	M 3/8 NPS	Ø 7 mn Int hose
Atomization air	Quick fittings	Ø 8 x 10 polyamide hose
Pilot air	Quick fittings	Ø 4 x 6 polyamide hose

AIRCAP
E3 KHVLP

CONFIGURATION OF THE A 29 HTI SPRAY GUN FITTED WITH KHVLP AIRCAP

Description	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm) Minimum	Fan width at 20 cm (cm) Maximum	Part number
						
A 29 HTi	06 E3 KHVLP	0.6	150	10	25	135.310.012
A 29 HTi	07 E3 KHVLP	0.7	200	10	29	135.310.001
A 29 HTi	09 E3 KHVLP	0.9	250	10	35	135.310.002
A 29 HTi	12 E3 KHVLP	1.2	300	10	38	135.310.003
A 29 HTi	15 E3 KHVLP	1.5	350	10	41	135.310.004
A 29 HTi	18 E3 KHVLP	1.8	400	10	43	135.310.005

PROJECTORS EP3 K HVLP FOR A29 HTI GUNS

Product viscosity in CA4 (s) or centipoises (cps)	Nozzles Size (mm)	Air consumption (m3/h)	Fluid flow rate (l/mn)	Fan width at 20 cm (cm) Maximum	Fan width at 20 cm (cm) Minimum	Projector Type	Projector Part number	Nozzle part number	Aircap Part number	Needle part number
										
< 20 s	0.6	20 - 30	150	25	10	06 E3 K HVLP	031.300.012	134.130.050	132.300.100	033.300.100
	0.7	20 - 30	200	29	10	07 E3 K HVLP	031.300.001	134.130.100	132.300.100	033.300.100
	0.9	20 - 30	250	35	10	09 E3 K HVLP	031.300.002	134.130.200	132.300.100	033.300.100
	1.2	20 - 30	300	38	10	12 E3 K HVLP	031.300.003	134.130.300	132.300.100	033.300.100
20 - 40 s	1.5	20 - 30	350	41	10	15 E3 K HVLP	031.300.004	134.130.600	132.300.100	033.300.200
	1.8	20 - 30	400	43	10	18 E3 K HVLP	031.300.005	134.130.700	132.300.100	033.300.200

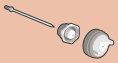
A 29 HTI SPRAY GUN

AIRCAP EP3

CONFIGURATION OF THE A 29 HTI SPRAY GUN FITTED WITH EP3 AIRCAP

Description	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm) Minimum	Fan width at 20 cm (cm) Maximum	Part number
						
A 29 HTi	06 EP3	0.6	150	10	24	135.310.011
A 29 HTi	07 EP3	0.7	200	10	25	135.310.006
A 29 HTi	09 EP3	0.9	250	10	31	135.310.007
A 29 HTi	12 EP3	1.2	300	10	32	135.310.008
A 29 HTi	15 EP3	1.5	350	10	34	135.310.009
A 29 HTi	18 EP3	1.8	400	10	38	135.310.010

PROJECTORS EP3 FOR A29 HTI GUNS

Product viscosity in CA4 (s) or centipoises (cps)	Nozzles Size (mm)	Air consumption (m^3/h)	Fluid flow rate (l/mn)	Fan width at 20 cm (cm) Maximum	Fan width at 20 cm (cm) Minimum	Projector Type	Projector Part number	Nozzle Part number	Aircap Part number	Needle Part number
										
< 20 s	0.6	21 - 29	150	24	10	06 EP3	031.300.011	134.130.050	132.300.300	033.300.100
	0.7	21 - 29	200	25	10	07 EP3	031.300.006	134.130.100	132.300.300	033.300.100
	0.9	21 - 29	250	31	10	09 EP3	031.300.007	134.130.200	132.300.300	033.300.100
	1.2	21 - 29	300	32	10	12 EP3	031.300.008	134.130.300	132.300.300	033.300.100
20 - 40 s	1.5	21 - 29	350	34	10	15 EP3	031.300.009	134.130.600	132.300.300	033.300.200
	1.8	21 - 29	400	38	10	18 EP3	031.300.010	134.130.700	132.300.300	033.300.200

SUPPORTS AND ACCESSORIES

Description	Part number
Mounting support Ø 16	049.351.000
Adjustable mounting support for Ø12 support	049.351.705
Protective cap (x10)	106.380.818

A 29 HPA SPRAY GUN

Universal gun suitable for a wide range of applications - Recommended for filled materials and small output applications requiring high precision.
High finish quality thanks to HPA technology.

FEATURES	BENEFITS
High opening/closing frequency	Intensive production
Needle sealing done by a self-adjusting cartridge	Outstanding reliability
New EN 3L aircap	Unsurpassed wide fan pattern
Independant fan and atomization control	Optimized finish quality and pattern size
Indexed aircap 0 - 90°	Perfect readjustment of fan pattern
Fluid output adjustment by indexed button	High precision fluid regulation
Optimized inlet and outlet fluid ports	Optimum spraying of high viscosity materials (circulation recommended to keep product homogeneity)

SPECIFICATIONS	
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Trigger air pressure (bar mini)	3
Fluid output (l/mn)	upon tip
Weight (g) (gun only)	585
Maximum Fluid Temperature (°C)	50
Air consumption (m^3/h)	24 - 44
Wetted parts	Aluminum - Stainless steel

FITTINGS		
Power supply	Gun	Hoses
Fluid	M 3/8 NPS	Ø 7 mm int hose
Atomization air	Quick fittings	Ø 8 x 10 polyamide hose
Pilot air	Quick fittings	Ø 4 x 6 polyamide hose

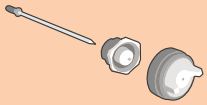
AIRCAP EN 3L

CONFIGURATION OF THE A 29 HPA SPRAY GUN

Description	Projector type	Nozzles Size (mm)	Fluid output (cc/mn)	Fan width at 20 cm (cm) Minimum	Fan width at 20 cm (cm) Maximum	Part number
						
A 29 HPA	06 EN 3L	0.6	150	10	30	135.315.006
A 29 HPA	07 EN 3L	0.7	200	10	31	135.315.001
A 29 HPA	09 EN 3L	0.9	250	10	34	135.315.002
A 29 HPA	12 EN 3L	1.2	300	10	38	135.315.003
A 29 HPA	15 EN 3L	1.5	350	10	39	135.315.004
A 29 HPA	18 EN 3L	1.8	400	10	41	135.315.005

A 29 HPA SPRAY GUN

PROJECTORS EN 3L K FOR A29 HPA GUNS

Product viscosity in CA4 (s) or centipoises (cps)	Nozzles Size (mm)	Fluid flow rate (l/mn)	Air consumption (m^3/h)	Fan width at 20 cm (cm) Minimum	Fan width at 20 cm (cm) Maximum	Projector Type	Projector Part number	Nozzle Part number	Aircap Part number	Needle Part number
										
< 20 s	0.6	150	24 - 44	10	30	06 EN 3L	031.305.006	134.130.050	132.305.200	033.300.100
	0.7	200	24 - 44	10	31	07 EN 3L	031.305.001	134.130.100	132.305.200	033.300.100
	0.9	250	24 - 44	10	34	09 EN 3L	031.305.002	134.130.200	132.305.200	033.300.100
	1.2	300	24 - 44	10	38	12 EN 3L	031.305.003	134.130.300	132.305.200	033.300.100
20 - 40 s	1.5	350	24 - 44	10	39	15 EN 3L	031.305.004	134.130.600	132.305.200	033.300.200
	1.8	400	24 - 44	10	41	18 EN 3L	031.305.005	134.130.700	132.305.200	033.300.200

SUPPORTS AND ACCESSORIES

Description	Part number
Mounting support Ø 16	049.351.000
Adjustable mounting support for Ø12 support	049.351.705
Protective cap for automatic guns (6)	106.380.856

A28 HPA SPRAY GUN - STAINLESS STEEL

Automatic gun with Superlife technology (Kremlin patent) for enamels, high solids and solvent-free materials.

FEATURES	BENEFITS
Patented Superlife™ diaphragm packing (without packings)	Delivers more than 4 - 5 times a standard package operational life
Hardened S/S nozzle with removable polyurethan end needle	Extends the nozzle lifetime and reduced and quick on site maintenance
Separate fan width and atomization air adjustment	Allows for optimum spray pattern and finish quality
Optimized inlet and outlet fluid ports	Optimum spraying of high viscosity materials (circulation recommended to keep product homogeneity)

SPECIFICATIONS

Maximum air inlet pressure (bar)	6
Trigger air pressure (bar mini)	5,5
Maximum fluid pressure (bar)	3
Recommended atomization air pressure (bar)	6
Fluid output (l/mn)	Upon tip
Weight (g)	1050
Maximum Fluid Temperature (°C)	50
Air consumption (m^3/h)	24 @ 4 bar
Body of the gun	Stainless steel
Wetted parts	Stainless steel, treated stainless steel, PTFE, elastomer polyurethan

FITTINGS

Power supply	Gun	Recommended hoses
Fluid	F 3/8" NPS	Ø 10 mm internal
Trigger air	F 1/8" NPS	Ø 6 or 8 mm upon frequency of use
Spraying air	F 1/4" NPS	Ø 10 mm internal

AIRCAP
Z 23A
N 23C

CONFIGURATION OF THE A28 GUN

Designation	Projector type	Use	Nozzle Diameter	Fan width (cm)	Fluid output (cc/mn)	Part number
						
A 28 HPA	-	Gun w/o projector	-	-	-	129.417.000
A 28 HPA	207 Z 23A	flat pattern	0.7	20-30	100	135.417.001
A 28 HPA	209 Z 23A	flat pattern	0.9	20-30	200	135.417.002
A 28 HPA	212 Z 23A	flat pattern	1.2	20-30	400	135.417.003
A 28 HPA	212 N 23C	flat pattern low pressure	1.2	20-30	400	135.417.004
A 28 HPA	215 N 23C	flat pattern	1.5	25-35	500	135.417.005
A 28 HPA	218 N 23C	flat pattern	1.8	25-35	600	135.417.006

SEAL KITS

Description	Part number
Seal kit	129.417.900
Repair kit	129.417.901

SUPPORT ET ACCESSOIRES

Description	Part number
Fixing bracket	029.417.011
M5 x 16 Screw	933.011.194
Pin	906.120.089

A28 HPA SPRAY GUN - STAINLESS STEEL

AIRCAPS FOR A28

Description	Part number
	
Z 23 A	132.020.550
07N 3C	132.021.750
R 23	132.021.300
R 24	132.021.800
R 29	132.021.400
S 23	132.021.900
S 29	132.021.500

TREATED NOZZLES FOR A28

Description	Part number
	
207T	134.025.050
209T	134.025.100
212T	134.025.200
215T	134.025.300
218T	134.025.400
222T	134.025.600
227T	134.025.700
233T	134.025.800
240T	134.025.900

SPECIFIC NEEDLE FOR A28

Description	Specific needle for A28 (without needle-end)
Dedicated needle (diaphragm assembly)	129.417.910

NEEDLE TIP KIT FOR DEDICATED A28 NEEDLE

Description	Part number
Needle tip kit for nozzles sized 7 to 23 (x10)	129.417.005
Needle tip kit for nozzles sized 33 and 40 (x10)	129.417.014
PEHD needle tip kit for nozzles 15 and 18 (x5)	129.417.020

KITS

Description	Part number
Remote adjusting fan width kit for A26 - A28	029.417.019

A3 HPA SPRAY GUN

For delicate work.

FEATURES	BENEFITS
GL specific projectors mounting	For lines
Optimized inlet and outlet fluid ports	Quick color changes and flushing (recommended circulation to maintain fluid homogeneity)

SPECIFICATIONS

Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Trigger air pressure (bar mini)	3
Recommended atomization air pressure (bar)	3 - 5
Fluid flow rate (l/mn)	Upon nozzle selected
Weight (g)	320
Maximum Fluid Temperature (°C)	50
Air consumption (m^3/h)	20
Body of the gun	Aluminum
Wetted parts	Aluminum, stainless steel, treated stainless steel

FITTINGS

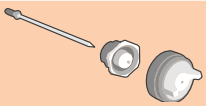
Power supply	Gun	Fitting
Fluid	F 1/8 NPS	Not supplied
Control air	F 1/8" NPS	Straight M 1/8" BSP - Hose Ø 4 x 6
Pulverization air	F 1/8 NPS	Not supplied

AIRCAP
PX
GL

CONFIGURATION

Description	Max Fluid viscosity in CA 4	Projector type	Nozzles	Fan width at 20 cm (cm)		Fluid output (cc/mn)	Part number w/o base plate
			Size (mm)	Minimum	Maximum		
A3 HPA	20 s	08 PX	0.8	3	10	200	135.713.014
A3 HPA	20 s	10 PX	1	4	15	300	135.713.011
A3 HPA	20 s	06 GL	0.6	0.4	2.5	180	135.713.017
A3 HPA	20 s	10 GL	1	0.4	3	300	135.713.015
A3 HPA	30 s	12 PX	1.2	5	15	450	135.713.012

PROJECTORS FOR A3 HPA GUNS

Product viscosity in CA4 (s) or centipoises (cps)	Nozzles	Fan width at 20 cm (cm)		Fluid flow rate (l/mn)	Air consumption (m^3/h)	Description	Projector	Nozzle	Aircap	Needle
	Size (mm)	Minimum	Maximum				Part number	Part number	Part number	Part number
										
< 20 s	0.8	3	10	100	10	08 PX	031.713.014	134.630.400	132.631.100	033.713.400
	1	4	15	120	10	10 PX	031.713.011	134.630.100	132.631.100	033.713.000
	1.2	5	15	150	10	12 PX	031.713.012	134.630.200	132.631.100	033.713.100
	0.6	0.4	2.5	80	10	06 GL	031.713.017	134.640.300	132.640.100	033.713.500
	1	0.4	3	120	10	10 GL	031.713.015	134.640.100	132.640.100	033.713.300

SUPPORT

Description	Part number
Mounting support (Ø16 - length 3.9 inch)	049.351.200

KITS

Description du kit	Kit part number
A3 indexed needle adjustment kit (precise output adjustment with indexed positioning)	129.713.050

PMP 150 PRATIK PUMP

1 2 3 4 5 6 7

The PMP-150 Pratik diaphragm pump is a floor mounted version and is designed for applications requiring a 1: 1 pressure ratio and can be used on some adhesive applications and harsh or high viscosity coatings.

FEATURES	BENEFITS
Simple design	Easy operation and maintenance
Double material diaphragm out of PTFE and nitrile	Compatible with most water-based materials Quick motor inversion
Rugged design	Easy to carry

SPECIFICATIONS

Pressure ratio	1/1
Fluid volume per cycle (cm^3)	100
Number of cycles per litre of products	10
Air consumption (m^3/h) at 30 cycles/mn at 4 bar	1.1
Fluid Output at 30 cycles/mn (l/mn)	3
Free flow rate (L/mn)	19
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Sound level (dBA)	<70
Weight (kg) - bare pump	5
Wetted parts	PTFE, Polypropylene, Stainless steel
Height (cm)	87
Width (cm)	39
Depth (cm)	40

FITTINGS

Fitting	Air inlet (valve)	F 3/8" BSP
	Air outlet (atomization air)	M 1/4" NPS
	Fluid Inlet	M 18 x 125
	Fluid Outlet	M 3/8" NPS

CONFIGURATION OF THE PMP 150 PRATIK PUMP

Set-up	Suction rod	Drain rod Ø 6x8	Air motor power regulator	Atomization air regulator	Air regulator Fluid pressure	Pump output filter	Part number
Without cup	●	●	-	●	●	-	151.758.000
Without cup	●	●	●	●	●	-	151.758.300

SEAL PACKS

Description	Part number
PMP motor seal kit	144.931.091
Fluid section seal kit (PTFE)	144.931.092
Fluid section seal kit (EPDM)	144.931.095
Fluid section seal kit (FPM)	144.931.096

FITTING FOR ELECTROSTATIC INSTALLATION (K3 AND SPRAYMIUM)

Description	Part number
Adaptator F 38"NPS/M 1/2" JIC	050.123.306

TRIPOD, CUPS AND SUCTION RODS

Description	Part number
Stand for PMP 150	051.755.010
2 liters gravity cup kit with bracket	151.758.100
2 liters gravity cup kit without bracket	151.662.355
Suction rod 18 x 125 fitting - plunger tube length 600mm	049.596.010

PMP 150 PRATIK PUMP KITS

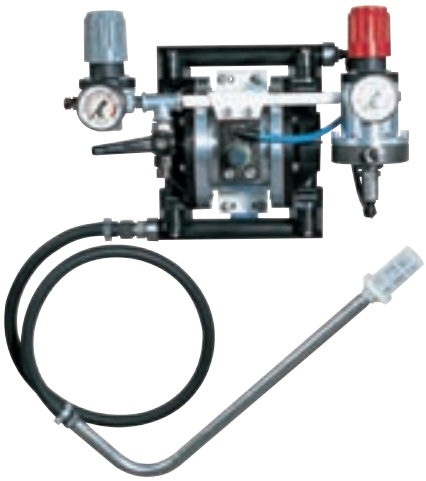
Kit designation	Gun type	Hoses Length (m)	Cup	Kit part number
PMP 150 Pratik	M2209 E3 K HVLP	7.5	●	151.249.100
PMP 150 Pratik	M 2215 EN 3	7.5	●	151.249.060

PMP 150 PUMP

1 2 3 4 5 6 7

The PMP-150 diaphragm pump is designed for applications requiring a 1: 1 pressure ratio and can be used on some adhesive applications and harsh or high viscosity coatings.

FEATURES	BENEFITS
Simple design	Easy operation and maintenance
Double material diaphragm out of PTFE and nitrile	Compatible with most of solvent or water-based products. Quick motor inversion
Compact design	Easy to carry



SPECIFICATIONS

Pressure ratio	1/1
Fluid volume per cycle (cm^3)	100
Number of cycles per litre of products	10
Air consumption (m^3/h) at 30 cycles/mn at 4 bar	1.1
Fluid Output at 30 cycles/mn (l/mn)	3
Free flow rate (L/mn)	19
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Sound level (dBA)	<70
Weight (kg) - bare pump	5
Wetted parts	PTFE, Polypropylene, Stainless steel
Height (cm) - wall-mounted	24
Width (cm) - wall-mounted pump	36
Depth (cm) - wall-mounted pump	26

FITTINGS

Fitting	Air inlet (valve)	F 3/8" BSP
	Air outlet (atomization air)	M 1/4" NPS
	Fluid Inlet	M 18 x 125
	Fluid Outlet	M 3/8" NPS

CONFIGURATION OF THE PMP 150 PUMP

Set-up	Air motor power regulator	Atomization air regulator	Air regulator Fluid pressure	Suction rod	Drain rod	Pump output filter	Part number
Bare pump	-	-	-	-	-	-	144.931.000
Wall mounted	●	●	●	-	-	-	151.759.900
Wall mounted	-	●	●	●	-	-	151.751.000
Wall mounted	●	●	●	●	-	-	151.753.000
Wall mounted	●	●	●	●	-	●	151.759.100
Cart mounted	-	●	●	●	-	-	151.752.000
Cart mounted	●	●	●	●	-	-	151.754.000
Wall-mounted with stainless steel circulation	-	●	●	●	-	-	151.757.000

OPTIONS

Description	Can be fitted on	Part number
Fluid pressure air regulator	Wall-mounted and mobile pumps	151.753.010
Stainless steel circulation kit (to be included: wall bracket ref: 056.100.199)	Wall-mounted and mobile pumps	151.757.010
Motor air supply kit	Bare pump	151.753.050

SEAL KITS

Description	Part number
PMP motor seal kit	144.931.091
Fluid section seal kit (PTFE)	144.931.092
Fluid section seal kit (EPDM)	144.931.095
Fluid section seal kit (FPM)	144.931.096

PMP 150 PUMP

FITTING FOR ELECTROSTATIC INSTALLATION (K3 AND SPRAYMIUM)

Description	Part number
Adaptator F 38"NPS/M 1/2" JIC	050.123.306

CARTS, CUPS AND SUCTION RODS

Description	Part number
2 liters gravity cup kit with bracket	151.758.100
Tripod for PMP 150	051.755.010
2 liters gravity cup kit without bracket	151.662.355
Single Post Cart	051.730.110
Complete wall mounting bracket	051.751.030
Suction rod 18 x 125 fitting - plunger tube length 600mm	049.596.010

KITS FOR PMP 150 PUMPS

Kit designation	Gun type	Hoses Length (m)	Kit part number
PMP 150 standard wall-mounted	M2215 EN 3	7.5	151.249.040
PMP 150 standard wall-mounted with stainless steel circulation	M2215 EN 3	7.5	151.249.050
PMP 150 standard wall mounted	M2209 E 3 K HVLP	7.5	151.249.080
PMP 150 standard wall-mounted with stainless steel circulation	M2209 E 3 K HVLP	7.5	151.249.090

PMP 150 E PUMP

The PMP 150E diaphragm pump is a packing free pump designed with special balls and seats to pump abrasive water-based coatings such as porcelain enamel.

FEATURES	BENEFITS
Simple and rugged design	Compatible with a wide range of materials
Compact design	Easy to carry
Charged polypropylene diaphragm and polyurethane balls	Compatible with water-based and enamels

SPECIFICATIONS

Pressure ratio	1/1
Fluid volume per cycle (cm^3)	100
Number of cycles per litre of products	10
Air consumption (m^3/h) at 30 cycles/mn at 4 bar	1.1
Fluid Output at 30 cycles/mn (l/mn)	3
Free flow rate (L/mn)	19
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Sound level (dBA)	<70
Weight (kg) - bare pump	5
Diaphragm material	Polyurethane
Wetted parts	Polypropylene, PTFE, polyurethane
Height (cm)	22
Width (cm)	20
Depth (cm)	15

FITTINGS

Fitting	Air Inlet	F 3/8" BSP
	Fluid Inlet	F 3/8" BSP
	Fluid Outlet	F 3/8" BSP

CONFIGURATION OF THE PMP 150E PUMP

Set-up	Suction rod	Drain rod	Atomization air regulator	Air regulator Fluid pressure	Pump output filter	Part number
Bare	-	-	-	-	-	144.932.000

OPTIONS

Description	Part number
Motor air supply kit	151.753.050

SEAL PACKS

Description	Part number
PMP motor seal kit	144.931.091
Fluid section seal kit (PTFE)	144.931.092

CARTS, CUPS AND SUCTION RODS

Description	Part number
Tripod for PMP 150	051.755.010
2 liters gravity cup kit with bracket	151.758.100
2 liters gravity cup kit without bracket	151.662.355
Single Post Cart	051.730.110
Complete wall mounting bracket	051.751.030

PMP 150 TRANSFER PUMP

1 2 3 4 5 6 7

The PMP-150 diaphragm pump is designed for fluid transfer applications.

FEATURES	BENEFITS
Large suction fluid passage	Possibility of large outputs
Double material diaphragm out of PTFE and nitrile	Compatible with most of solvent or water-based products. Quick motor inversion
Simple design	Easy operation and maintenance
Compact design	Easy set-up in the workshop

SPECIFICATIONS

Pressure ratio	1/1
Fluid volume per cycle (cm3)	100
Number of cycles per litre of products	10
Air consumption (m^3/h) at 30 cycles/mn at 4 bar	1.1
Fluid Output at 30 cycles/mn (l/mn)	3
Free flow rate (L/mn)	19
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Sound level (dBA)	<70
Weight (kg) - bare pump	7.4
Wetted parts	PTFE, Polypropylene, Stainless steel
Height (cm)	22
Width (cm)	20
Depth (cm)	15

FITTINGS

Fitting	Air inlet (valve)	F 3/8" BSP
	Fluid Inlet	F 3/4" NPS
	Fluid Outlet	F 3/8" BSP

CONFIGURATION OF THE PMP 150 PUMP

Set-up	Air motor power regulator	Air regulator Fluid pressure	Fluid pressure regulator	Suction rod	Drain rod	Pump output filter	Part number
Bare Transfer PMP 150 pump	●	-	-	-	-	-	151.752.500

OPTION

Description	Part number
Motor air supply kit	151.753.050

SEAL KITS

Description	Part number
PMP motor seal kit	144.931.091
Fluid section seal kit (PTFE)	144.931.092

02.75 PUMP

1 2 3 4 5 6 7

The 02.75 piston pump is designed for use with a single or multiple gun system spraying medium viscosity coatings. It can also be used on a heated circulation system.

FEATURES	BENEFITS
Compact design	Easily integrated into a finish workshop
Rugged - High sealing capacity with singlelip seal	Compatible with a wide range of materials
Available in stainless steel version	Compatible with water-based materials

SPECIFICATIONS

Pressure ratio		1.8/1
Fluid volume per cycle (cm^3)		85
Number of cycles per litre of products		12
Air consumption (m^3/h) at 30 cycles/mn at 4 bar		2.1
Fluid Output at 30 cycles/mn (l/mn)		2.6
Free flow rate (L/mn)		5.1
Maximum air inlet pressure (bar)		6
Maximum fluid pressure (bar)		10
Maximum Fluid Temperature (°C)		60
Sound level (dBA)		81
Sealing Packings	Upper sealing	GT cartridge with polyethylene packing
	Lower sealing	Acetal resin seal
Weight (kg) - bare pump		5
Wetted parts		Aluminum, stainless steel
Height (cm)		41
Width (cm) - 2 regulators		28
Depth (cm)		17

FITTINGS

Fitting	Air inlet (valve)	F 3/8" BSP
	Air outlet (atomization air)	M 1/4" NPS
	Fluid Inlet	M 18x125
	Fluid Outlet	M 3/8" NPS

CONFIGURATION OF THE 02.75 PUMP

Set-up	Additional regulator	Atomization air regulator	Air regulator Fluid pressure	Suction rod	Drain rod	Pump output filter	Part number
Standard, bare	-	-	-	-	-	-	144.941.000
Standard, wall-mounted	-	●	●	●	-	-	151.760.200
Bare, stainless steel	-	-	-	-	-	-	144.940.000
Wall-mounted, stainless steel	-	●	●	●	-	-	151.761.200
Wall-mounted, stainless steel with 2 air regulotor and 1 fluid regulator	●	●	●	●	-	-	151.761.400

SEAL KITS

Description	Part number
Seal kit for 75 fluid section	144.941.490
Repair kit for 75 fluid section	144.941.495
Seal kit for 340-2 air motor	144.850.150

FITTING FOR ELECTROSTATIC INSTALLATION (K3 AND SPRAYMIUM)

Description	Part number
Adaptator F 38"NPS/M 1/2" JIC	050.123.306

CARTS AND SUCTION RODS

Description	Part number
Single Post Cart	051.730.110
Suction rod 18 x 125 fitting - plunger tube length 600mm	049.596.010

PRESSURE POTS

To feed, under pressure, all airspray guns.
Conforms to the european legislation regarding the use of equipment under pressure (97/23/CE).

SPECIFICATIONS

Type		5 liters	5 liters	10 liters	10 liters	10 liters
Vessel coating		Rilsanised	Rilsanised	Galvanised	Galvanised	Galvanised
Internal diameter (mm)		175	175	250	250	250
Total height (vessel + cover) (mm)		580	580	665	665	665
Vessel height (mm)		322	322	340	340	340
Weight (kg)		9	9	20	20	20
Maximum fluid pressure (bar)		3.8	3.8	3.8	3.8	3.8
Pressure air regulator		1/4"	1/4"	1/4"	1/4"	1/4"
Air regulator	Gun	-	-	1/4"	1/4"	1/4"
Removable stainless steel bucket		-	-	-	-	●
Agitator		-	-	-	●	●
Fluid output(s)		Upper	Lower	Upper	Upper	Upper
Part number		052.460.000	053.960.000	152.036.130	152.036.110	152.036.120

SPECIFICATIONS

Type		30 liters	30 liters	30 liters	52 liters	52 liters	52 liters
Vessel coating		Galvanised	Galvanised	Galvanised	Galvanised	Galvanised	Galvanised
Internal diameter (mm)		320	320	320	400	400	400
Total height (vessel + cover) (mm)		830	830	830	865	865	865
Vessel height (mm)		505	505	505	520	520	520
Weight (kg)		33	33	33	42	42	42
Maximum fluid pressure (bar)		3.8	3.8	3.8	3.8	3.8	3.8
Pressure air regulator		1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Air regulator	Gun	1/4"	1/4"	1/4"	1/2"	1/2"	1/2"
Removable stainless steel bucket		-	-	●	-	-	●
Agitator		-	●	●	-	●	●
Fluid output(s)		Upper	Upper	Upper	Upper (x2)	Upper (x2)	Upper (x2)
Part number		152.126.000	152.126.100	152.126.110	152.220.100	152.220.150	152.220.200

FITTINGS

Type		5 liters pressure pot	10 to 30 liters pressure pots	50 liters pressure pot
Fitting	Air Inlet	M 1/4" NPS	F 3/4" NPS	F 3/4" NPS
	Air Outlet	M 1/4" NPS	M 1/4" NPS	(x2) M 1/4" NPS
	Fluid Outlet	M 3/8" NPS	M 3/8" NPS	(x2) M 3/8" NPS

FITTING FOR ELECTROSTATIC INSTALLATION (K3 AND SPRAYMIUM)

Description	Part number
Adaptator F 3 8"NPS/M 1/2" JIC	050.123.306

STAINLESS STEEL PRESSURE POTS

To feed, under pressure, all airspray guns.
Conforms to the legislation regarding the use of equipment under pressure (97/23/CE)

SPECIFICATIONS

Type	15 liters	30 liters	52 liters
Cover material	Stainless steel	Stainless steel	Stainless steel
Vessel material	Stainless steel	Stainless steel	Stainless steel
Internal diameter (mm)	290	290	290
Total height (vessel + cover) (mm)	490	780	1135
Vessel, cover and agitator height (mm)	625	915	1185
Operational Internal height (mm)	180	460	730
Number of clamps	4	4	4
Weight (without/with agitator) (kg)	21/23	23/25	31/33
Number of handle (s)	2	2	2
Valve adjustment (psi)	6	6	6
Maximum fluid pressure (bar)	6	6	6
Maximum Fluid Temperature (°C)	50	50	50
Pressure air regulator	1	1	1
Number of regulators	0	0	0
Number of fluid outputs	2 (Top and Bottom)		
Agitator	According to model		

FITTINGS

Type			15 liters	30 liters	52 liters
Fitting	Air Inlet		3/8" BSP	3/8" BSP	3/8" BSP
	Fluid outlet	Lower	1" NPT	1" NPT	1" NPT
		Upper	3/8" NPS	3/8" NPS	3/8" NPS

PRESSURE POTS PART NUMBERS

Capacity (L)	Pneumatic agitator	Pressure air regulator	Number of fluid outputs		Part number
			Bottom	Top	
15 Liters	-	●	1	1	106.650.15.02
15 Liters	●	●	1	1	106.650.15.03
30 Liters	-	●	1	1	106.650.30.02
30 Liters	●	●	1	1	106.650.30.03
52 Liters	-	●	1	1	106.650.50.02
52 Liters	●	●	1	1	106.650.50.03

FITTING FOR ELECTROSTATIC INSTALLATION (K3 AND SPRAYMIUM)

Description	Part number
Adaptator F 38"NPS/M 1/2" JIC	050.123.306

■ Funnels with removable strainers for pressure pots

FUNNELS

Description	Diameter (mm)	Use	Part number
Large funnels with 2 strainers (510 and 210 µ)	400	10 L - 30 L	057.110.000
Small funnels with 2 strainers (510 and 210 µ)	180	5 L	057.090.000

STRAINERS

Description	Diameter (mm)	Size (µ)	Part number
Spare element for large funnel	200	210	057.110.200
	200	510	057.110.100
Spare strainer for small funnel	75	210	057.090.200
	75	510	057.090.100

■ Accessories and parts

Compatible with acetone based products

ACCESSORIES

Description	Capacity (L)	Ø/Dimensions	Part number
Stainless steel spare bucket	10	Ø240 x 265	053.330.200
	30	Ø300 x 420	053.410.200
	50	Ø380 x 420	052.220.015
Cover seal	5	Ø 175	052.440.001
	10	Ø 250	052.010.002
	30	Ø 320	052.050.008
	50	Ø 400	052.130.006
EPDM cover seal(1)	5	Ø 175	052.440.002
	10	Ø 250	052.010.022
	30	Ø 320	052.050.013
	50	Ø 400	052.130.009

(1)* Recommended with acetone products

REGULATORS

Description	Part number
Red knob regulator	016.240.000
2 regulators 1/4" with isolating valves 2 manometers, 1 inlet valve - 1 outlet valve M 1/4" NPS	019.400.000
2 regulators (1/4" + 1/2") with isolating valves 2 manometers, 1 inlet valve - 2 outlet valves M 1/4" NPS	019.390.000

MOTORIZED AGITATOR

Description	Capacity (L)	Part number
10 L	10	052.220.055
30 L	30	052.126.010
52 L	50	052.220.050

BP 60 HEATERS

Their original design ensures an optimized heat transfer, with no risk of burning the paint in the heater.
This equipment will allow you to reduce the viscosity of paints without using solvents.
It guarantees an outstanding finish quality, whatever the ambient temperature may be.

This version of the equipment is to be used only for water-based materials.

FEATURES	BENEFITS
A thermometer is integrated into the command box	No pressure loss when working with high viscosity materials
Modular design	Easy maintenance

SPECIFICATIONS	
Termostatic type	Liquid dilatation and dry contact
Thermal fuse	Cut-out at 121°C
Thermometer	Graduation 0 - 100°C
Temperature range (°C)	15 - 90
Pressure (bar)	250
Weight (kg)	23
Wetted parts	Body and fittings in stainless steel
Room temperature (°C)	40 maxi

BP HEATER - STAINLESS STEEL VERSION

Stainless steel heater	Volatge / Power		Temperature (°C)	Cable length w/o plug (m)	Fitting		Part number
	Volt	Watt			Inlet	Outlet	
BP60	230	1500	15 - 90	10	M 18×125	M 18×125	056.140.100

AD 60/61 HEATERS NON EXPLOSIVE

Original design ensuring optimum heat transfer with no risk of burning the paint in the heater.

To be used in zone 1 and 2 according to ATEX.

Agreement INERIS 03ATEX 0079X
II 2 G EEx d IIA T3

FEATURES	BENEFITS
A thermometer is integrated into the command box	No pressure loss when working with high viscosity materials
Modular design	Easy maintenance

SPECIFICATIONS	
Thermostat type	By fluid extension and dry contact
Thermal fuse	Cut at 121°C
Thermometer	Graduation 0 - 100°C
Temperature range (°C)	15 - 80
Pressure (bar)	240 maxi
Weight (kg)	Aluminum: 15.5 Stainless steel: 25
Wetted parts	Aluminum: aluminum body, galvanized chrome fittings Stainless steel: stainless steel body and fittings
Room temperature (°C)	40 maxi

AD HEATERS - ALUMINUM VERSION (SOLVENT-BASED MATERIALS)

Aluminum heater	Voltage / Power		Temperature (°C)	Cable length w/o plug (m)	Fitting		Part number
	Volt	Watt			Inlet	Outlet	
AD60	230	1500	15 - 80	10	M 1/2 JIC	M 1/2 JIC	056.126.000
AD61	115	1500	15 - 80	5	M 1/2 JIC	M 1/2 JIC	056.126.050

AD HEATERS - STAINLESS STEEL VERSIONS (SOLVEN OR WATER-BASED MATERIALS)

Stainless steel heater	Voltage / Power		Temperature (°C)	Cable length w/o plug (m)	Fitting		Part number
	Volt	Watt			Inlet	Outlet	
AD60	230	1500	15 - 80	10	M 1/2 JIC	M 1/2 JIC	056.146.000
AD61	115	1500	15 - 80	5	M 1/2 JIC	M 1/2 JIC	056.146.050
AD60	400	1250	15 - 80	5	M 1/2 JIC	M 1/2 JIC	056.146.070

■ Y- fitting - stainless steel

Allowing paint circulation on the gun while maintaining ease of use. Remote set-up possible using an additional hose.

Y-FITTING PART NUMBERS			
Description	**Fittings on gun**	**Hoses thread**	**Part number**
Stainless steel Y-fitting - for airspray guns	F 3/8" NPS	M 1/4" NPS	129.029.915

■ Circulation valve (for solvent-based materials)

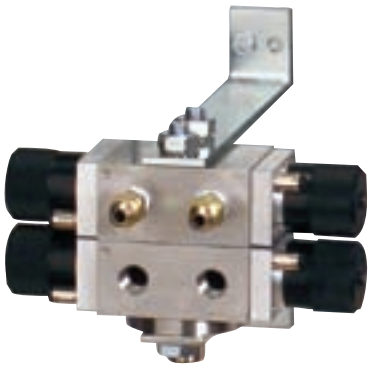
Allows you to set the perfect output for circulation.
Max. fluid pressure: 240 bar.

CIRCULATION VALVES PART NUMBERS (NON STAINLESS STEEL)					
Thread Pump intake	**Rod**	**Back fitting**	**Flushing valve**	**Flushing rod M 18 x 125**	**Part number**
F 26 x 125	M 26 x 125	M 1/2 JIC	●	●	051.314.010
M 1"G	M 35 x 150	M 3/4 JIC	●	●	051.341.100

CTM COLOR CHANGE VALVES

Recommended for a rapid color change, without the need to manipulate any fluid. At the same time, you will reduce costs through less down time and lower solvent consumption.

The solvent valve should be facing the fluid outlet.
- Two valves per module
- PTFE seals
- Modulable design allows for expansion
- Paint circulation through the valve
- Opening index as standard



CTM VALVE SPECIFICATIONS

Designation	Conventional
Max pressure (bar)	8
Ø of passage (mm)	8
Trigger air	for hose 2,7 × 4
Fluid inlet	F 1/4 NPS
Fluid outlet	F 1/4 NPS

ACCESSORIES

	Description	Part number
Conventional	Inlet module (product and solvent inlet)	155.535.100
Conventional	Intermediate module (product inlet)	155.535.200
Conventional	Outlet flange (product outlet)	155.535.500
Assembly module rods comes with outlet module: (1)	Assembly module rod (pack of 2) comes with outlet module:	
	1 module (1 inlet module + 1 outlet flange)	155.535.610
	2 modules (1 inlet module + 1 intermediate module + 1 outlet flange)	155.535.620
	3 modules (1 inlet module + 2 intermediate modules + 1 outlet flange)	155.535.630
	4 modules (1 inlet module + 3 intermediate modules + 1 outlet flange)	155.535.640
	5 modules (1 inlet module + 4 intermediate modules + 1 outlet flange)	155.535.650
	Assembly of 2 fixing squares	155.535.700

(1) Each module is equipped with a nut and a washer, the head of the screw must be placed on the outlet flange side.

PDM 01.175 PUMP

Diaphragm pump specifically designed for circulatings and feeding automatic machines.

FEATURES	BENEFITS
Simple design	Easy operation and maintenance
Diaphragm made of PTFE	Compatible with most water-based materials
Compact design	Easy to carry

SPECIFICATIONS	
Pressure ratio	1/1
Fluid volume per cycle (cm^3)	350
Number of cycles per litre of products	3
Fluid Output at 30 cycles/mn (l/mn)	10.5
Free flow rate (L/mn)	38
Maximum air inlet pressure (bar)	6
Maximum fluid pressure (bar)	6
Maximum Fluid Temperature (°C)	50
Sound level (dBA)	<70
Weight (kg) - wall-mounted	13
Wetted parts	PTFE, Stainless steel, Aluminum
Height (cm)	29
Width (cm)	24.5
Depth (cm)	31.5

FITTINGS		
Fitting	Air Inlet	F 3/8" BSP
	Fluid Inlet	M 26 x 125
	Fluid Outlet	F 1/2" NPS

CONFIGURATION OF THE PDM 01.175 PUMP

Set-up	Suction rod	Drain rod	Atomization air regulator	Air regulator Fluid pressure	Pump output filter	Part number
Bare pump	-	-	-	-	-	144.905.000
Wall mounted pump	●	-	-	●	-	151.656.000

SUCTION RODS

Description	Part number
Easyflow suction rod Ø25 plunging tube length 600 mm	149.596.150
Easyflow suction rod Ø25 plunging tube length 1000mm (for 200 liters drums)	149.596.160

04.120 PUMP - STAINLESS STEEL

For medium viscosity products with 1 or several guns. For circulating and automatic machines.

FEATURES	BENEFITS
Compact design	Easy to carry
Rugged - High sealing capacity with singlelip seal	Compatible with a wide range of materials
Hot or cold spraying	To spray a large range of products with the best conditions

SPECIFICATIONS

Pressure ratio		4/1
Fluid volume per cycle (cm^3)		240
Number of cycles per litre of products		4
Fluid Output at 30 cycles/mn (l/mn)		7.2
Air Consumption @ 30 CPM at 5 bar		10.3
Free flow rate (L/mn)		14.4
Maximum air inlet pressure (bar)		6
Maximum fluid pressure (bar)		24
Maximum Fluid Temperature (°C)		60
Sound level (dBA)		80
Sealing Packings	Upper sealing	PTFE G + Polyfluid
	Lower sealing	PEHD
Weight (kg) - wall-mounted		27
Wetted parts		Stainless steel
Height (cm)		83
Width (cm)		40
Depth (cm)		21

FITTINGS

Fitting	Air Inlet	F 3/4 BSP
	Fluid Inlet	M 26x125
	Fluid Outlet	M 1/2 JIC

CONFIGURATION OF THE 04.120 PUMP

Set-up	Suction rod	Drain rod	Atomization air regulator	Air regulator Fluid pressure	Pump output filter	Part number
Bare	-	-	-	-	-	151.792.000
Wall-mounted	-	-	-	●	-	151.792.100
Wall-mounted	●	●	-	●	●	151.792.200
Cart-mounted	●	●	-	●	●	151.792.400

KITS

Description	Part number
Seal kit H120	144.970.090
Repair kit H120	144.970.095
Seal kit for 500-4 air motor	146.260.990
Repair kit for 500-4 air motor	146.260.995

CARTS AND RODS (SUCTION AND FLUSHING)

Description	Part number
Two Post Cart w/o plate	051.221.000
Two Post Pump Mounting Plate	056.100.199
Easyflow suction rod Ø25 plunging tube length 600 mm	149.596.150
Easyflow suction rod Ø25 plunging tube length 1000mm (for 200 liters drums)	149.596.160
Stainless steel flushing rod F18 x 125	049.596.000

04.120F FLOWMAX® PUMP - STAINLESS STEEL

Bellow pump - Flowmax® technology - without packings for automatic machines and circulating

FEATURES	BENEFITS
Sealing done by one large stroke bellow	High reliability No more lubricant cups Leak free Total sealing between pump and its environment, ideal to work with moisture-sensitive catalysts Ideal for UV and pre-catalyzed materials
Ergonomic design of fluid passages	Fluid discharge without retention of a wide range of coating materials
Stainless steel design	Compatible with water-based materials
Balanced fluid section	Constant fluid output pressure
Mobile piston seal	Excellent suction capacity

SPECIFICATIONS

Pressure ratio		4/1
Fluid volume per cycle (cm³)		240
Number of cycles per litre of products		4
Fluid Output at 30 Cycles/mn (l/mn)		7.2
Free flow rate (L/mn)		14.4
Air Consumption @ 30 CPM at 5 bar		10.3
Maximum air inlet pressure (bar)		6
Maximum fluid pressure (bar)		24
Maximum Fluid Temperature (°C)		50
Sound level (dBA)		< 82
Sealing packing	Bellows	Polyethylene
	Upper and lower	GT polyethylene
Wetted parts		Stainless steel
Weight (kg)		27
Height (cm)		104
Width (cm)		40
Depth (cm)		21

FITTINGS

Fitting	Air Inlet	F 3/4" BSP
	Fluid Inlet	M 26 x 125
	Fluid Outlet	M 3/8" NPS

CONFIGURATION OF THE FLOWMAX® 04.120F PUMP

Set-up	Drain rod	Suction rod	Atomization air regulator	Air regulator Fluid pressure	Pump output filter	Part number
Bare	-	-	-	-	-	151.795.000
Wall-mounted	-	-	-	●	-	151.795.100
Wall-mounted	●	●	-	●	●	151.795.200
Cart-mounted	●	●	-	●	●	151.795.400

CARTS AND RODS (SUCTION AND FLUSHING)

Description	Part number
Two Post Cart w/o plate	051.221.000
Two Post Pump Mounting Plate	056.100.199
Easyflow suction rod Ø25 plunging tube length 600 mm	149.596.150
Easyflow suction rod Ø25 plunging tube length 1000mm (for 200 liters drums)	149.596.160
Stainless steel flushing rod F18 x 125	049.596.000

04.220F FLOWMAX® PUMP - STAINLESS STEEL

High output, cartridge free bellow pump for circulating and automatic machines.
The Turbo air motor is recommended for continued use.

FEATURES	BENEFITS
Sealing done by one large stroke bellow	High reliability No more lubricant cups Leak free Total sealing between pump and its environment, ideal to work with moisture-sensitive catalysts Ideal for UV and pre-catalyzed materials
Ergonomic design of fluid passages	Fluid discharge without retention of a wide range of coating materials
Stainless steel design	Compatible with water-based materials
Balanced fluid section	Constant fluid output pressure
Mobile piston seal	Excellent suction capacity

SPECIFICATIONS

Pressure ratio		4/1
Fluid volume per cycle (cm3)		440
Number of cycles per litre of products		2.3
Fluid Output at 20 Cycles/mn (l/mn)		8.8
Free flow rate (L/mn)		26.4
Air Consumption @ 20 CPM at 5 bar		12.7
Maximum fluid pressure (bar)		24
Maximum Fluid Temperature (°C)		50
Maximum air inlet pressure (bar)		6
Sound level (dBA)		78
Sealing packing	Bellows	Polyethylene
	Upper and lower	GT Polyethylene
Wetted parts		Hard chrome stainless steel, stainless steel and carbide
Weight (kg)		52
Height (cm)		110
Width (cm)		38
Depth (cm)		27.5

FITTINGS

Fitting	Air Inlet	F 3/4" BSP
	Fluid Inlet	F 3/4" BSP
	Fluid Outlet	F 3/4" BSP

CONFIGURATION OF THE FLOWMAX® 04.220F PUMP

Set-up	Suction rod	Drain rod	Atomization air regulator	Air regulator Fluid pressure	Pump output filter	Part number
Wall-mounted	-	-	-	●	-	151.862.200
Turbo wall-mounted	-	-	-	●	-	151.863.200

CARTS, FILTER AND RODS (SUCTION AND FLUSHING)

Description	Part number
Two Reinforced Arms w/o mounting plate	051.231.000
Suction rod Ø25 plunging tube length 600 mm	049.597.100
Stainless steel Accumulator equipped filter 3/4"	155.581.400
Stainless steel flushing rod F18 x 125	049.596.000

■ Pressure regulator - low pressure manual control

Made entirely out of stainless steel, easy to flush.

CHARACTERISTICS		
Pressure range (bar)	Inlet	40 max.
	Outlet (upon version)	0.5 - 4
Weight (kg)		1.3
Width (cm)		8.5
Height (cm)	Large passages	17
	Small passage	16.5
Wetted parts		Stainless steel, PTFE, carbide

REGULATOR FITTINGS LARGE PASSAGE		
Fitting	Fluid inlet (w/o adaptator)	M 1/4 BSP
	Fluid Outlet	F 1/4 BSP (x2)

REGULATOR FITTINGS SMALL PASSAGE		
Fitting	Fluid Inlet	F 1/4 NPS
	Fluid Outlet	F 1/4 BSP (x2)

CONFIGURATION		
Description	**Manometer**	**Part number**
Bare pressure regulator PP (small passage)	-	155.610.200
Pressure regulator PP (small passage)	●	155.610.209
Bare pressure regulator GP (large passage) - charged materials	-	155.610.250
Pressure regulator GP (large passage) - charged materials	●	155.610.259

■ Pressure regulator - Piloted low pressure

Available in stainless steel or non-stick treated versions, excellent flushing.
Manual control version available for a very fine regulation and even flow.

Piloted regulator

CHARACTERISTICS			
Pressure range (bar)	Inlet	Small passage	40 max
		Large passage	6 max
		manual command	10 max
	Outlet		0.5 -4 bar
	Command air		6 max
Wetted parts			Stainless steel, PTFE, carbide

SMALL PASSAGE REGULATOR - FITTINGS AND DIMENSIONS		
Fitting	Fluid Inlet	F 1/4" NPS
	Fluid Outlet	F 1/4" BSP
	Air inlet (command)	F 1/8" BSP
Weight (kg)		1
Width (cm)		8.5
Height (cm)		7.3

LARGE PASSAGE REGULATOR - FITTINGS AND DIMENSIONS		
Fitting	Fluid Inlet	M 1/4" BSP + (M18x125, M3/8" NPS, M3/8"BSP)
	Fluid Outlet	F 1/4 BSP
	Air inlet (command)	F 1/8 BSP
Weight (kg)		1
Width (cm)		7.3
Height (cm)		8.5

■ Pressure regulator - Piloted low pressure (continued)

MANUAL CONTROL PILOTED REGULATOR - FITTINGS AND DIMENSIONS		
Fitting	Fluid Inlet	M 1/4" BSP + (M18x125, M3/8" NPS, M3/8"BSP)
	Fluid Outlet	F 1/4" BSP
Weight (kg)		1.6
Width (cm)		20
Height (cm)		8.5

CONFIGURATION		
Description	**Material**	**Part number**
Piloted stainless steel pressure regulator	Stainless steel small passages	155.610.230
Piloted stainless steel pressure regulator large passage	Stainless steel large passages	155.610.050
Piloted non-stick treated pressure regulator	Non-stick	055.370.100
Piloted regulator with wall bracket and pressure gauge	Stainless steel	155.610.060

Piloted regulator manual control

■ Pressure regulator - Back low pressure

Available in stainless steel manual control version.

SPECIFICATIONS	
Pressure (bar) - regulated materials	4 max
Weight (kg)	1.3
Width (cm)	8.5
Height (cm)	16.8
Wetted parts	Stainless steel, PTFE, carbide

FITTINGS		
Fitting	Fluid Inlet	F 1/4" BSP
	Fluid Outlet	M 1/4" BSP + (M18x125, M3/8"NPS, M 3/8"BSP)

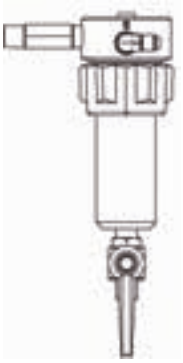
CONFIGURATION	
Description	**Part number**
Back pressure regulator	155.610.100
Options:	-
- Wall bracket	016.200.010
- Pressure gauge: stainless MF 1/4 elbow	050.470.101
Stainless steel tube	050.081.701
Stainless steel shroud	050.470.301
Gauge	910.011.402

■ High pressure gauges

Metal pressure gauge with glass and glycerin lens; totally impact and solvent resistant.

HIGH PRESSURE GAUGES				
Description	**Pressure range (bar)**	**Fitting**	**Internal diameter (mm)**	**Part number**
Diaphragm high pressure gauge	0 - 250	M 3/8" NPS	50	155.271.790
Pressure gauge side inlet	0 - 120	M 1/4 G	63	910.010.802
Pressure gauge side inlet	0 - 400	M 1/4 G	63	910.010.801

■ Filter 60 bar



CONFIGURATION	
Description	**Part number**
Stainless steel filter fitting lenght 70 mm (MM 3/8" NPT)	055.580.301
Wall-mounted bracket and screws for 3/8", 3/4" and 1" filter with 9 digits part numbers	155.190.105

EQUIPPED FILTER						
Description	**Maximum fluid pressure (bar)**	**Stainless steel screen for filter**	**Thread**			**Part number**
			Inlet	**Outlet**	**Drain**	
3/8" stainless steel filter-medium pressure	60	6	F 3/8" NPT (x1)	F 3/8" NPT (x2)	F 3/8" G cuve (x1)	155.580.500
Stainless steel Filter 3/8"-Low pressure	60	6	M 1/4" NPT	M 1/2" JIC(1)	M 18x125	155.580.510

(1) See adaptation fitting F1/2 JIC/M3/8 NPS reference 050.123.533

■ Strainers for suction rods

STRAINERS CONFIGURATION						
Pump	**Height (mm)**	**External diameter (mm)**	**Material**	**Filtration size**		**Part number**
				Micron	**Mesh**	
PMP150 / 02.75	60	40	Polyamide	300	50	051.531.600
PDM 01.75 / 04.120 / 04.120F	40	48	Inox	1000	15	149.596.152
04.220 F	112	66	Polyamide	1000	15	149.591.400

■ Screen and cartridges for fluid filter

SCREEN CONFIGURATION (FILTRATION SURFACE 65 CM²)				
Filter number	**Filtration size**		**Nozzle size**	**Part number**
	Micron	**Mesh**		
1	40	325	3	000.161.101
2	74	200	4	000.161.102
3	90	170	4	000.161.103
4	100	140	4	000.161.104
6	168	85	6	000.161.106
8	210	70	09 & 14	000.161.108
12	280	55	20	000.161.112
15	360	45	30 & 45	000.161.115
20	510	30	< 68	000.161.020
30	750	20	< 68	000.161.030

NOTES

CYCLIX™ AGITATORS FOR 20-40-200 L DRUMS

This elevator-agitator for 20-40 to 200l drums features a double-effect jack for a fast lift of a stainless steel cover fitted for a quick material drum change. The cover is equipped with a motorized agitator fitted with blades for low viscosity materials and a full stainless steel rod.

The elevator is coming on a large fixing plate which makes it very stable and easy to install in paint kitchens, existing installations or an essential component of new installations.

FEATURES	BENEFITS
Stainless steel (agitator cover, suction and drain rods)	Compatibility with all materials
Adjustable suction rod height	No product loss
Suction and return tubes	Suitable for recirculating
Double effect jack with 3 positions command lever: up, stop, down	Important flexibility
The agitator cannot work during elevator movements	Security

CHARACTERISTICS

Capacity (L)		20 - 40	200
Motor type		Pneumatic	Pneumatic
Reductor type		-	Gear train
Rotation speed (rpm)		60 - 300	5 - 90
Motor torque	Nm	2.2	34

CYCLIX™ PART NUMBERS FOR 20 - 40 L DRUMS

Description	Elevator height (mm)	Agitator rod length (mm)	Paddle diameter (mm)	Cover diameter (mm)	Part number
Elevator for 20 -40 l drums	1024 (min) - 1500 (max)	-	-	-	151.081.000
Agitator for 20 -40 l drums	-	400	134	-	154.261.700
Cover for 20 -40 l drums	-	-	-	400	154.261.600
Suction/exhaust kit	-	-	-	-	154.261.800

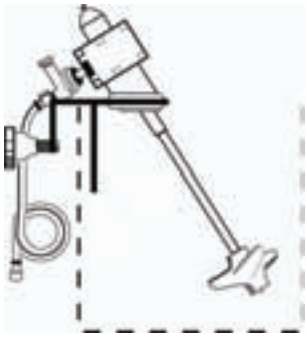
CYCLIX™ PART NUMBERS FOR 200 L DRUMS

Description	Elevator height (mm)	Agitator rod length (mm)	Paddle diameter (mm)	Cover diameter (mm)	Part number
Elevator for 200 l drums	1510 (mini) - 2410 (maxi)	-	-	-	151.091.000
Agitator for 200 l drums	-	800	370	-	154.261.300
Cover for 200 l drums	-	-	-	635	154.261.200
Suction/exhaust kit	-	-	-	-	154.261.400

RECOMMENDED ACCESSORIES

Description	Part number
1/4" air lubrificator + support	154.261.997
Exhaust assembly with oil recovery (length 1 m)	154.261.996
Air feeding kit	154.261.930
Drum roller unit for 200 litres drum	151.098.100
Slotted paddle for thick materials	154.261.952

■ Agitators for edge pail mounting



Agitator for barrel edge mounting.
Minimum barrell height of 300 mm

AGITATORS	
Description	**Part number**
Bare agitator	051.332.610
Agitator with 25 cm hose	051.332.600
Agitator with 5 m hose	049.220.710
System for barrel mounting	049.220.720

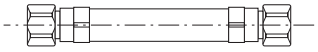
■ Stainless steel agitators on cover

Stainless steel Agitator:
For drums diameter between 295 and 325 mm
Minimum drum height of 390 mm

AGITATORS	
Description	**Part number**
Stainless steel agitator for Ø325 cover	903.290.101

■ Product hoses for airspray spraying

A hose carrying paint must be able to resist most solvents.
For conventional spraying, Kremlin offers two types of hose:
● Flexible blue paint rubber with internal sheath in PEBD for most solvents
● White polyamide: when the paint is thicker, to reduce pressure losses.



HOSES CONFIGURATION

Designation	Part number					
Material	**Rubber/ PEBD internal sheath**			**Polyamide(1)**		
Internal diameter mm	6.35 (1/4")	9.52 (3/8")	16	6.35 (1/4")		9.52 (3/8")
Maximum pressure: bar	10		7	10		
Color	blue			white		
Temperature	up to 60 °C					
P.N. without fitting 5 m	050.362.004	050.361.005	050.363.005	050.370.805		050.370.905
P.N. without fitting 15m	050.362.003	050.361.004	050.363.004	050.370.804		050.370.904
P.N. without fitting 25m	050.362.001	050.361.001	050.363.001	050.370.801		050.370.901
P.N. without fitting 100m	050.362.002	050.361.002	050.363.003	050.370.803		050.370.903
SK collar	906.311.236	906.311.226	906.311.207	-	-	-
lengths with fittings part number						
A and B fitting (free nut)	1/4" NPS	3/8" NPS	- -	1/4" NPS	3/8" NPS	
0.55 m		050.361.103				
1 m	050.362.451(2)	-	050.361.108	-	-	-	-
2 m	-	-	-	-	-	-	050.370.504
5 m	050.362.101	050.362.603	050.361.105	-	050.370.301	050.370.201	050.370.502
7.5 m	050.362.104	050.362.601	050.361.102	-	-	-	-
10 m	050.362.102	050.362.602	050.361.106	-	050.370.302	050.370.202	050.370.503

(1) Recommended for glues
(2) Elbow fitting

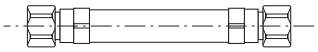
■ Product hoses for suction rod

HOSE FOR SUCTION ROD

Designation	Part number		
Polyethylene hose sleeve	**Ø 9.5 mm**	**Ø 19 mm**	**Ø 25 mm**
5 m cut	050.361.005	050.366.051	050.367.001
15 m cut	050.361.004	050.366.052	-
25 m cut	050.361.001	050.366.053	050.367.003
Grooved conical fitting	050.140.517	050.140.545	050.140.543
Nickeled nut fitting	050.271.303	050.271.502	049.595.306
SK collar	906.311.234	906.311.207	906.311.204

■ Nitrile air hoses

To use so that the equipment (gun and pump) have the same potential



HOSES CONFIGURATION				
Description	**Part number**			
Material	Nitrile	Nitrile	Nitrile	Nitrile
Color	Black	Black	Black	Black
Internal diameter (mm)	7	8	10	16
Conductor	yes	yes	yes	yes
Color	Gold	Green	White	Blue
Maximum pressure bar	10			
P.N. by 5m without fitting	050.382.005	050.389.004	050.381.005	050.383.005
P.N. by 15m without fitting	050.382.004	050.389.003	050.381.004	050.383.004
P.N. by 25m without fitting	050.382.001	050.389.001	050.381.001	050.383.001
P.N. by 100m without fitting	050.382.002	050.389.002	050.381.002	-
Collar SK	906.311.224	906.311.224	906.311.226	906.311.232
Part number according to length with fittings				
Fitting A and B	1/4" NPS		3/8" NPS	26 x 125
0.25 m	-	-	-	050.383.107
0.35 m	050.382.101	-	-	-
0.45 m	-	-	-	050.383.109
0.70 m	050.382.104	050.389.104	-	050.383.104
0.75 m	-	-	-	050.383.110
2 m	050.382.111	-	-	-
5 m	050.382.109	050.389.101	050.381.101	-
7.5 m	050.382.114	050.389.103	-	-
10 m	050.382.110	050.389.102	050.381.102	-
15 m	050.382.116	050.389.105	-	-
20 m	050.382.113	-	-	-
25 m	050.382.217			

■ Polyamid or polyurethane air hoses

HOSES CONFIGURATION								
Description	**Part number**							
Matière	**Polyamide**					**Polyurethan**		
Color	translucent			black		blue		black
Internal diameter (mm)	2.7 x 4	4 x 6	6 x 8	6 x 8	8 x 10	4 x 6	6 x 8	8 x 12
Conductive	No							
Maximum operating pressure bar	10							
Temperature	up to 60 °C							
P.N. without fittings								
25 m	-	050.371.001	050.371.002	-	-	-	-	-
5 m	-	-	-	-	-	-	050.380.200	-
7.5 m	-	-	-	-	-	-	050.380.250	-

■ Hose sleeve

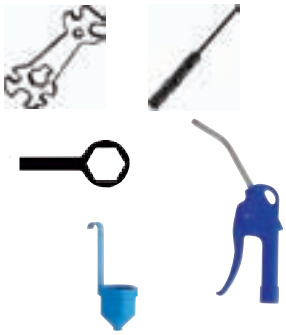
PART NUMBERS			
Description	**Product hole (mm)**	**Length (m)**	**Part number**
Hoses Sleeve	40	10	129.270.087

■ Lubricants and greases for pumps

LUBRICANT FOR PUMP PACKINGS	
Description	**Part number**
Lubricants for pump fittings	
T lubricant (1/4 l) can for solvent-based paints	149.990.020
Kit of 3 T lubricant cans (2L each)	151.260.820
Kit of 3 P lubricant cans (2L each)	151.260.821
Grease	
Vaseline 1 kg "special PMP"	560.440.002
Box of 450 g PTFE grease	560.440.001
Techni Lub tube	560.440.101
Box of grease (450g)	560.420.005

■ Miscellaneous

PART NUMBERS	
Description	**Part number**
M22/Xcite™ gun wrench	049.030.042
Large size brush	906.300.101
Small size brush	906.300.102
Wrench for product filters	049.030.018
Large blow gun	129.371.000
Viscosity cup N° 4 CA4	049.221.400
Thickness gauge from 25 to 2000µ	000.790.020
Adhesive-roller with KREMLIN REXSON logo (75mm x 100m)	571.141.003



RC 500 FULL VISOR MASK

Maximum protection for excellent working conditions, optimal health protection with low operating costs. The RC 500 is compliant with the latest european norms (EN14594, EN 166)

FEATURES	BENEFITS
Complete assembly with protection screen	Complete protection of the operator face and eyes (against isocyanates especially)
Performant air adduction by active carbon filter	Reliable operator health protection against all type of paints, dust...
Light and ergonomic	Reduced fatigue and excellent working conditions for increased productivity
Low airflow alarm	Constant operator protection
Adjustable head and front protection	Suitable for everyone and user-friendly
Easy disposable screen protectors	Easy maintenance

RC500 complete assembly

SPECIFICATIONS	
Operating pressure (bar)	2 - 7
Working air flow (l/mn)	180
Maximum temperature (°C)	35

CONFIGURATION OF THE RC 500 FULL-VISOR MASK

Description	Part number
RC 500 full-visor mask complete (without network 10m air hose)	143.390.000
General supply air hose (compliant - length 10m)	143.390.140

ACCESSORIES

Description	Quantity	Part number
RC 500 full-visor mask alone (without belt or supply 10m air hose)	1	143.390.100
Screen protector	10	143.390.120
Belt with active carbon filter	1	143.390.110
Active carbon filters cartridges	2	143.390.130
Mask/belt air hose	1	143.390.150

RC 756 RESPIRATORS

Lightweight, comfortable respirators efficient for each type of paint and compliant with the latest european norms (Respirator: EN 140, Filters: EN 14393)

FEATURES	BENEFITS
Respirator body made of silicone	Hypoallergenic and high comfort
Equipped with large inlet and outlet valves	Easy breathing
Double fixing straps	Comfortable
Double filters	Performance (large diameter), visibility and high level of safety
Three high performance filters type available (solvented, water-based or multi with isocyante materials)	For an optimal protection whatever the type of paint used

CONFIGURATION OF THE RC 756 RESPIRATOR

Description	Part number
RC 756 respirator	143.380.100
RC 756 respirator for SOLVENT-BASED PAINTS - A1 filters	143.380.200
RC 756 respirator for WATER-BASED PAINTS - A1B1P3 filters	143.380.300
RC 756 respirator for PLURAL COMPONENT PAINTS - ISOCYANATES - A1B1E1K1P3 filters	143.380.400

FILTERS & PRE-FILTERS

Description	Type	Quantity	Part number
Filters for solvented paints	A1	10	143.380.210
Filters for water-based paints	A1B1P3	5	143.380.310
Filters for plural-components-isocyanates	A1B1E1K1P3	5	143.380.410
Pre-filters for A1 filters	-	25	143.380.110

ACCESSORIES

Description	Quantity	Part number
Attach strap	1	143.380.120
Spare inlet/outlet valves	3	143.380.130

■ Protective overalls

Protects the operator. Comfortable to wear, giving protection for dust or plush.
- Conforms to European Standards
- Made in non-woven fabric, they come with elasticated wrists and wide trouser legs to protect footwear

PART NUMBERS

Description	Size	Quantity	Part number
Overalls Size S for 5 sets	S	5	564.504.001
Overalls Size M for 5 sets	M	5	564.504.002
Overalls Size L for 5 sets	L	5	564.504.003
Overalls Size XL for 5 sets	XL	5	564.504.004
Overalls Size XXL for 5 sets	XXL	5	564.504.005

■ Protective hood

Protects the head and hair
- Non-woven, light and lets the skin breathe
- Conforms to European Standards

PART NUMBERS

Description	Quantity	Part number
Protective hood	5	043.250.001

NOTES