

Colloid Mills

Description

Litco colloid mill is a machine that is used to reduce the particle size of a solid in suspension in a liquid, or to reduce the droplet size in emulsions. Colloid mills work on the rotor-stator principle: a rotor turns at high speeds. It is very effective to produce liquid emulsion.



Features:

- Round shape machine body, Base and Top Cover made out of C. I. Material having SS cladding in Vertical Type Standard Model.
- S. S. Fabricated Square Body on which Machine and Motor both are mounted, in Vertical Type Deluxe Model.
- All Contact Parts are made out of S.S.–304 Material. (S.S. 316 optionally)
- Circular Ring Shaped, internally Conical Stator having two different teeth stages.
- Toothed Conical Rotor directly coupled with the motor shaft in Vertical Standard model and Coupled with Belt in Vertical Deluxe Model.
- Stator & Rotor Assly is balanced and housed in the Stainless Steel Housing.
- Extended Bearing Housing specially designed to facilitate fine adjustment of bearing clearances of backlash to avoid metal contact of Rotor in Vertical Deluxe Model.
- Special designed adjustment of the grinding gap by an exterior screw by means of two handles even during the operation.
- Three-way cock system for draining and recirculation of liquids provided as standard, in water-jacketed models.