# Ointment Plants

## Description

The Ointment Manufacturing Plant consists of a set of equipments designed for ointments, gels, creams and lotions for capacities ranging from 100 kg to 1000 kg.

## Water Phase Vessel:

The Water Phase Vessel is a jacketed cylindrical tank with torrispherical dish ends. A propeller type stirrer is provided for agitating the liquid.

## Wax Phase Process Vessel:

The Wax Phase Process Vessel is a jacketed cylindrical tank with torrispherical dish ends. A propeller type stirrer is provided for agitating the wax or oil. A conical filter filters out impurities before the wax is transferred to the manufacturing vessel.

## Manufacturing Process Vessel:

The Manufacturing Process Vessel is a jacketed cylindrical vessel with a conical bottom and anchor type agitator. It is used to mix the viscous product from the Water and wax phase vessels.

## Homogenizer:

The Homogenizer â€“ Tank or Online is used with the manufacturing vessel to reduce particle size and promote uniform mixing

## Storage Vessel:

The Storage Vessel is a tank with a conical bottom in which the product is collected and stored until it has to be transferred to the filling line. It can be provided with an anchor type stirrer and a jacket as per requirement.

## Transfer Pump:

The Transfer Pump (twin lobe) is used to transfer the product from the manufacturing vessel to the storage vessel.

## Metering Pump:

The Metering Pump is a positive displacement pump through which the product can be transferred to the filling line at a controlled flow rate.

## Inter-Connecting Pipeline:

The Inter-Connecting Pipeline is provided for the plant as per the layout. All pipes are electropolished from the inside.

## Working Platform:

A suitable Working Platform is provided to help in the maintenance and operation of the plant. Â

## Control Panel:

The electrical control panel houses the necessary electrical components and controls needed to operate the plant. Custom built automation can be incorporated to improve efficiency and reduce errors.