

# Ointment



## Automatic ointment/cream manufacturing plant

### SALIENT FEATURES:

- Manufacturing capacities are available 5 kg to 2000 kg.
- Manual Control – Have temperature indicator / Timer / Single Phase protection / Push Button to operate the complete plant.
- Auto Control – PLC based with touch screen and pass word level to feed the parameters of process for Heating / Cooling / Stirrer timing / Homogeniser Timing / Stirrer speed / Homogeniser speed / Vacuum / Pressure / CIP etc. The choice of this package is to suit requirement to each product.
- Pre stored process parameter will help to achieve consistent product quality. MMI (Touch Screen) for visualization of machines of specific process condition and data.
- Alarm Signal.
- Fault Message.
- SCADA package (optional) Flexible Configuration.
- Easy Operation.
- Can Be Fully Automated.
- Integration into existing process control system.
- Fast product change over.
- Rapid & effective cleaning CIP/SIP.
- Homogenous product consistency without trapped air bubbles.
- Mixing, dispersing and homogenizing in one operation.
- The main functions are mixing and emulsifying. Producing very fine emulsions, suspensions, etc featuring excellent homogeneity and thus finally stability of the mixed product.
- Jacket have heating & cooling with temperature control with Safety equipment.
- Electro polished Pipeline and joints are TC standard for easy opening & re-fixing.
- Vacuum system provided to transfer product from one vessel to another vessel and zero retention in pre phase vessel & inter connecting pipeline.
- No Air contamination. / Human contamination.
- Cleaning in place cycles with validation protocols. (Optional)



## R & D model Automatic ointment/cream manufacturing plant

### SALIENT FEATURES:

- Capacities form 5 kgs. To 50 kgs.
- All contact parts are SS 316 / 316 L.
- Online colloidal Mill / micronizer
- Hydraulic lid lifting for mfg. vessel.
- Bottom / Top Homogenizer
- Fully / Semi automatic operation
- Dual anchor agitator with fix anchor
- In compliance with cGMP.

## Pilot\single vessel ointment/cream manufacturing plant

### SALIENT FEATURES:

- Capacity from 25 kgs. to 1000 kgs
- All contacts parts are SS 316 / 316 L.
- Hydraulic lid lifting for Mfg vessel
- Bottom top homogeniser
- Fully/semi automatic operation
- Dual anchor agitator with fix anchor
- Plc control(optional)
- In compliance with cGMP.



## Automatic single-head tube filling machine(linear type)

### SALIENT FEATURES:

- Automatic Tube Loading System.
- Auto Tube Orientation.
- "No Tube No Fill" System.
- Folding & Coding at Individual Station.
- Simple Mechanism & Operator Friendly Machine.
- Combo Model Suitable For Both Aluminium and Laminated/Plastic Tubes.
- Out Put 70 to 80 Tubes Min - For Double Head M/c.
- Out Put 35 to 40 Tubes Min - For Single Head M/c.
- Gmp model
- Plc model(optional)

### Technical Specification:

- Filling Range 3 Gm To 250 Gm With Change Over.
- Tube Dia Up to 25 mm - For Double Head.
- Tube Dia Up to 45 mm - For Single Head.

### Power Consumption:

- Max. 5Kw
- Air Consumption 15CFM @ 6 Kg/cm<sup>2</sup>
- Chilled Water Consumption LPM @ 10°C

