



Entire range of OSD granulation and Auto coating equipment covering range of:

- R & D scale from 0.1 kg to 5 kg
- Pilot scale from 5 kg to 15 kg
- Production scale 30 kg to 500 kg

- **Rapid Mixer Granulator**
- **Vibro Sifter**
- **Fluid Bed Dryer, Processor and Coater**
- **Rotocone Vacuum Dryer**
- **Wet and Dry Mills**
- **Bin Blender, Double Cone Blender & Octagonal Blender**
- **Paste Preparation Vessel**
- **Auto Tablet Coating System**
- **Vacuum Transfer System**
- **Roll Compactor**

• Turnkey Solutions for Ointment / Oral Liquid Preparation & Filling is also available.

LAB GRANULATION & COATING



LAB RMG

With Fix & Changeable Bowls

Salient Features:

- In compliance with cGMP guidelines • All contact parts are made of SS 316 • Couplingless direct mount interchangeable chopper drive • Air purging in chopper and impeller seals with interlock • ACVFD for impeller and chopper drives • PLC based operation with color HMI (Optional)
- Bowls with jacket and temperature sensor (Optional)
- FLP design (Optional)



Technical Specifications:

MODEL	Gross Capacity in (Ltrs.)	Working Capacity in (Ltrs.)	Working Capacity in (Kgs.)	Main Motor HP (1440 RPM)	Chopper Motor HP (2800 RPM)	Gear Box Ratio
RMG-3	4	2.5	1.25	3	1	10:01
RMG-5	5.5	4	2	3	1	10:01
RMG-10	12	8	4	3	1	10:01
RMG-3/5/10	4/5.5/12	2.5/4/8	1.25/2/4	3	1	10:01
RMG-15	17	12	6	3	1	10:01
RMG-25	28	20	10	5	2	10:01
RMG-10/15/25	12/17/28	8/12/20	4/6/10	5	2	10:01

LAB FLUID BED SYSTEM

Salient Features:

- In compliance with cGMP guidelines • All contact parts are made of SS 316 • A unique machine for drying, granulating & pellet coating
- Tangential spraying system with inbuilt peristaltic pump
- Auto product charging and discharging • PLC based operations with color HMI • Inbuilt AHU and exhaust blower • Auto air purging for finger bag cleaning • Solid flow monitor (Optional) • FLP design (Optional) • Bowls with jacket and temperature sensor (Optional)
- Only dryer option with manual controls (Optional)



Technical Specifications:

MODEL	FBPC2	FBPC5
Gross Capacity in (Ltrs.)	5	15
Working Capacity in (Ltrs.)	4	10
Working Capacity in (Kg)	1-2	3-5
Blower HP	3	5
Air CFM	120	232
Electric Heater (kW)	4	9
No. of Spray Nozzle	2	2
Comp. Air Pres.	7 Bar	
Drying Temp. (°C)	30-80	

LAB SIFTER

LAB MULTI MILL

LAB BLENDER



Technical Specifications:

Screen Dia.	310 mm
Capacity	1 to 20 Kg/Hr
Motor	0.25 HP

Technical Specifications:

Capacity	1-20 Kg/ Hr
Rotor Dia.	156 mm
Rotor Speed	1000-1500-3000 RPM
Motor	1 HP

Technical Specifications:

Gross Capacity	15 Ltrs.
Working Capacity	12 Ltrs.
Main Motor	0.5 HP
Blending RPM	4-20 RPM

Multiple attachments of Octagonal, Double cone & V cone is available

LAB COATER

With Changeable Pans



Technical Specifications:

MODEL	Lab Coater- 18" / 12" / 8"
Working Capacity (kg)	2-5 / 0.5-1.5 / 0.5-0.9
Pan Diameter (mm)	450 / 305 / 205
Pan Mouth Diameter (mm)	150
Pan Speed (RPM)	2-18
Main Drive Motor (HP)	1
Inlet Blower Motor (HP)	1
Exhaust Blower Motor (HP)	1
Inlet Blower Capacity (CFM)	300
Exhaust Blower Capacity (CFM)	350
Electrical Heater (kW)	4
Compressed Air (CFM at 6 bar)	20

Salient Features:

- In compliance with cGMP guidelines • All contact parts are made of SS 316
- Ergonomically designed compact foot print • Easy to clean and maintain
- PLC based operation with color HMI • Interchangeable pans to accommodate smallest test batch • Easy front loading and unloading • In built AHU and blowers
- High efficient non choking type spray gun • Settable automatic process controls
- Spraying interlock with pan rotation and blower functions • High efficient solution dosing system with peristaltic pump • Variable frequency drives for blowers to control air quantum. • FLP design (Optional) • WIP system (Optional)