

## High Efficiency Pan Coater

### Applications:

It is suitable for a variety of dosage forms to perform sugar coating, organic film coating, water soluble film coating, enteric coating, sustained and controlled release coating.

### Features:

1. Device equipped with a variety of coating pan.
2. Can choose pans with micro pores for pellet coating.
3. Simple structure, easy to assemble and take apart.
4. Precise product temperature, real-time numerical atomization pressure display.
5. Logical spray gun, pan, cleaning design, with a wide range of accessories.
6. The unique deflector ensures that different pots achieve good turnover and flow under full load.
7. Unique anti-slip patented design is used to prevent tablets from slipping in minimum load.
8. Ventilation structure, heater located at the air inlet to achieve more even heating. Air outlet is an exhaust pipe. The purpose is to force and to channel hot air through the chamber and bed to ensure heat exchange and drying. This design has a higher coating efficiency.
9. Fan cleaning function: after the end of each coating, fan can be self-cleaned with water to ensure that each use of the fan has the same performance, and to ensure the stability of the coating and parameters of reference.
10. Can complete low dose API coating that meet uniformity standards.
11. GMP standard, three-level security authorization, parameters controlled by PLC, auto-save for all data which can be exported by USB devices.



### EPS High Efficiency Pan Coater Provides:

- Flexible Processing Capability
- Easy Scalability
- Efficiencies
- Easy to Changeover and Cleaning
- Economical

High Efficiency Pan Coater

Lab Models and Technical Data

Model	Lab coater I	Lab coater II	Lab coater III	Lab coater IV
Production Capability (kg/batch)	0.2-10	0.2-5	0.2-3	0.2-1.5
Pan size (mm)	¢215、¢265、¢300、¢325、¢350、¢380、¢430、¢480	¢215、¢265、¢300、¢325、¢350、¢380、¢430	¢215、¢265、¢300、¢325 ¢350	¢215、¢265、¢300
Power	380V/3 phase/ wire 50Hz			
Air Supply (mPa)	0.3-0.6			
Air Consumption (m³/min)	0.6	0.4	0.4	0.4
Filtration System	Basic, medium, high efficiency	Basic, medium, high efficiency	medium	medium
Inlet Fan Speed (rpm)	— —	— —	— —	— —
Outlet Fan Speed (rpm)	3000	3000	3000	3000

Pilot and Production Models and Technical Data

Model	Pilot Coater I	Pilot Coater II	C-75	C -150	C -350
Production Capability (kg/batch)	1.0-50	1.0-25	40-90	75-150	120-350
Pan size (mm)	300-750	300-600	900	1200	1500
Power	380V 3 phase/ 5 wire				
Compressed Air Consumption (m³/min)	0.8	0.8	1.1	2.2	4.5
Motor Power (kw)	0.75	0.75	1.5	2.25	5.5
Heating Power	15	15	20	— —	— —
Dimensions	1300×1200×1980	1300×1200×1980	1420×1320×1930	1700×1560×2150	2180×1840×2320

Interchangeable Pan Size

No.	Name	Quantity	Production Capability (kg/batch)
1	Pan (215mm)	1 set	0.2-0.4
2	Pan (265mm)	1 set	0.4-0.8
3	Pan (300mm)	1 set	0.8-1.5
4	Pan (350mm)	1 set	1.5-3.0
5	Pan (380mm)	1 set	3.0-5.0
6	Pan (430mm)	1 set	5.0-8.0
7	Pan (480mm)	1 set	6.0-10

Interchangeable Pan Size

No.	Name	Quantity	Production Capability (kg/batch)
1	Pan (300mm)	1 set	0.8-1.5
2	Pan (350mm)	1 set	1.5-3.0
3	Pan (380mm)	1 set	3.0-5.0
4	Pan (430mm)	1 set	5.0-8.0
5	Pan (480mm)	1 set	6.0-10
6	Pan (600mm)	1 set	10-25
7	Pan (750mm)	1 set	20-50
8	Pan (900mm)	1 set	40-90
9	Pan (1200mm)	1 set	75-150
10	Pan (1500mm)	1 set	120-350