

PFB-L is a lab-scale R&D Fluid Bed System



The PFB-L is a lab-scale R&D fluid bed system capable of performing, granulating, drying and coating processes in a single unit.

The PFB-L laboratory scale fluid bed system features a built-in air handling system for heating and dust collection. After the process, rotation of the product chamber enables easy powder discharge.

Product Features

- Drying
- Granulating [Top Spray]
- Coating [Bottom Spray]
- Metal filter
- HMI

Technical Parameters

Model			PFB-L
Container Volume		[ℓ]	18
Working Capacity	Drying *	[kg]	3.5
	Granulating *	[kg]	2.8
	Coating *	[kg]	2
Expansion Chamber Diameter		[mm]	Ø 320
Fan Air Volume		[CMM]	3.3
Fan Differential Pressure		[mmAq]	1,120
Fan Power		[kW]	2.2
Heating Capacity		[kW]	7
Heating Capacity		[kcal/h]	6,020
Compressed Air Pressure		[bar]	6
Dimension, Machine		[mm]	1,400 x 930 x 1,975
Weight, Machine		[kg]	1,000
Power Supply Data			220/380/400/415/440/460Vac, 3Ph, 50/60Hz
Control Power			24Vdc

* Specific Gravity 0.5