



Laboratory Batch Dryer

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Laboratory Batch Dryer

This pilot-plant-scale drying system incorporates a surge bin, rotary valve, 24" (610mm) diameter fluid bed processor, heater, blower, and controls on a caster-mounted frame. Processors as small as 18" (457mm) in diameter are offered for laboratory applications.

Standard Equipment:

- Controls for inlet temperature, air velocity, bed depth, and retention time
- Quick-disconnect clamps for fast, thorough cleaning
- Choice of fluid bed air distributor
- High Torque motor drive with double extension shaft and eccentric weight adjustment system to optimize vibratory motion for specific materials
- Continuous or batch operation
- 304 Stainless steel contact surfaces
- Adjustable weir to control bed depth

Optional Equipment:

- Construction to 3A, FDA, and BISSC standards
- Clean-in-place spray heads
- Explosion proof electricals for hazardous applications
- 316 or higher grade stainless steel material contact surfaces

