

Fluid Bed Lab Test Unit



WE MAKE YOUR WORK FLOW

Carrier
Vibrating Equipment, Inc.

Fluid Bed Lab Test Unit

Carrier has designed a lab scale fluid bed test unit for use in your laboratory. The portable test unit incorporates all of the variability and control as our in-house test units, and designed for conventional fluid bed drying and/or cooling.

We understand that **testing in your own lab** can be beneficial in serving to:

- Optimize an existing fluid bed system by experimenting with different process variables.
- Evaluate fluid bed technology on a new product.
- Generate data for the purpose of sizing a new production line.
- Produce small quantities of a new product for quality or marketing studies.

Features:

- Multiple drying chamber sizes, 6" to 10" available
- Multiple fluidizing decks provided
- Variable fluidizing airflow with damper or optional fan VFD
- Electric air heater, steam or hot water heater optional
- Fabric dust filter collector
- Standard stainless steel construction, hastalloy and other alloys available
- System on casters for ease of movement
- Instrumentation and controls include:
 - Pushbutton stop/start for fan and heater
 - Temperature controller for heater
 - T/C with digital display for air and product temperatures
 - Orifice plate and manometer for air velocity
 - Magnahelic for deck pressure
- Easy-to-clean, break-apart clamped construction
- Sanitary designs available, pharmaceutical/food

