

Schenck Process TestCenters

Pneumatic Conveying, Filtration, Weighing and Feeding Testing



- **Three North American locations**
- **Live product testing**
- **Testing confirms application specific equipment selection**
- **Hands-on customer training**

Kansas City, MO Pneumatic TestCenter

The Kansas City, MO Pneumatic TestCenter features both carbon steel and stainless steel piping ranging from 125 ft. to 975 ft. in length. Ledge free couplings are used throughout the system for testing products with breakage concerns. Sight glasses provide visual observation of the conveying techniques. The lab is centrally located a few miles from Kansas City's International Airport.

- Vessel Dense Phase
- Continuous Dense Phase
- Low Pressure Continuous Dense Phase
- Vacuum Dilute Phase
- Small Sample Testing
- Pressure Dilute Phase
- Vacuum Dense Phase
- Eductor
- Negative Airlift

Sabetha, KS Filtration TestCenter

Unique to the filtration industry, the Schenck Process TestCenter in Sabetha, KS includes a Particle Emissions Test (PET) machine that records and graphs air flow and velocity, air-to-cloth ratios, pressure differentials, inlet loading and outlet mass emissions. The machine allows Schenck Process to design and specify the best system for your specific application.

- Small samplet testing
- High Pressure Pulse Jet Bags and Cartridges
- Medium Pressure Cleaning Bags and Cartridges
- Horizontal Cartridges
- SEntry Cartridges
- SpaceSaver® Cartridges
- Cyclone Efficiency Testing
- Small Scale Bench Testing
- Particle Size Analysis (PSA)

Whitewater, WI Weighing and Feeding TestCenter

The Whitewater, WI Weighing and Feeding TestCenter features an isolated testing cell for dusty and poor flowing powders, customer offices with Internet accessibility, and a specially designed viewing room to witness material testing. Volumetric, gravimetric, vibratory weighing and feeding processes are set up by experienced lab technicians to confirm the optimum equipment configuration for handling a customer's bulk solids material handling application.

- Volumetric Feeding
- Gravimetric Feeding
- Batch Feeding
- Vibratory Feeding
- Weigh Feeding
- Bulk Bag Unloading
- Mechanical Conveying
- Shear Testing



Pneumatic TestCenter Capabilities:

- ❖ Systems can be tested for any size project
- ❖ Small sample testing
- ❖ Determine material handling characteristics
- ❖ Particle size analysis
- ❖ Bulk density measurement
- ❖ Confirm horizontal and vertical pickup velocities
- ❖ Flow properties
- ❖ Factory acceptance testing (FAT)

Easy access to lab as it's only minutes from the Kansas City International Airport. Testing and travel can be done in the same day.



Filtration TestCenter Capabilities:

- ❖ Small sample testing
- ❖ Particle size analysis
- ❖ Bulk density measurement
- ❖ Generate pressure, airflow and rate data
- ❖ Particle emissions testing
- ❖ Results used to scale/compare system design



Weighing and Feeding TestCenter Capabilities:

- ❖ Controls integration and testing
- ❖ Bulk density measurement
- ❖ Factory acceptance testing (FAT)
- ❖ Pilot process trials

Schenck Process

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