



HOSOKAWA MICRON PT-X

Powder characteristics tester



**HOSOKAWA
MICRON B.V.**



HOSOKAWA MICRON PT-X

The global standard in powder characteristic evaluation.

The Hosokawa Micron Powder Characteristics Tester PT-X uses the methods developed by Ralph L. Carr (Carr Indices) to determine the "Flowability & Floodability" of dry powder solids. The latest design utilizes state-of-the-art features to identify the characteristics of powdered samples for a wide range of application fields.

KEY FEATURES

- » *Automated vibration with electronically controlled vib-sensor for repeatable results*
- » *Optional integrated HEPA filter dust protection*
- » *Test sieve identification - measure by recording test sieve serial number*
- » *Complete powder characterization in one instrument*
- » *Reduced operator intervention, ensuring analysis accuracy and repeatability*
- » *User-friendly software, reduces analysis time*
- » *Complies with FDA Tapped Bulk Density (USP) ASTM, Kawakita's equation for compressibility*
- » *Specially designed feeder for reliable sample feeding*
- » *Multi-language functionality*
- » *Compact design - 34% smaller in comparison to prior models*

Since 1968, when the original Powder Tester was developed, more than 3500 units have been delivered to companies throughout the world. The testing standards used by the Powder Tester made it the choice in development of more than 3000 patents: 1800 within the last 10 years.

The latest model PT-X, has features that have been suggested by the many worldwide users of earlier models, making it the most technologically advanced instrument to measure powder flow characteristics.



PROPERTIES DETERMINED



Angle of Repose



Cohesion



Compressibility



Angle of Fall



Angle of Spatula



Dispersibility



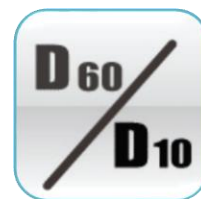
Angle of difference



Aerated Bulk Density



Packed Bulk Density



Uniformity

SPECIFICATIONS

Dimensions (W x H x D)	420 x 661 x 573 mm
Weight	ca. 70 kg
Weighing balance	Mettler Toledo
Amplitude	0 - 3 mm
Tapping	Stroke 1 ~ 40 mm Amplitude
Electric supply	AC 100 - 215 V / 220 - 240 V
Vibration	50 / 60 Hz
PC	Notebook
Number of taps	1 - 9.999 max.



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