

POWDER CHARACTERISTICS TESTER

[Powder Tester **PT-X**]

SUMMARY

Hosokawa Micron Powder Characteristics Tester uses the methods developed by R.L.Carr (Carr Indices) to determine the “Flowability & Floodability” of dry powders solids. The model PT-X is the latest design of the Hosokawa Micron Powder Tester which utilizing state of the art features to identify the characteristics of powdered samples for a wide range of application fields.

FEATURES



- ◆ Automated Vibration with electrically controlled vib-sensor for repeatable results
- ◆ Integrated HEPA filter-optional dust protection
- ◆ Test Sieve Identification-measure by recording test sieve serial number
- ◆ Complete Powder Characterization in one instrument
- ◆ Reduced Operator intervention insuring analysis Accuracy and Repeatability
- ◆ User friendly Software, reduces analysis time
- ◆ Compiles with FDA Tapped Bulk Density(USP) ASTM Kawakita's equation for compressibility
- ◆ Special Designed Feeder for reliable sample feeding(option)
- ◆ Multi-language Functionality(option)
- ◆ Compact Design-34% smaller in comparison to other models



Angle of repose



Angle of fall



Angle of difference



Cohesion



Uniformity



Angle of spatula



Aerated bulk density



Packed bulk density



Compressibility



Dispersibility

SPECIALITIES

International Icon

High usability supports measurement



Auto-measurement Tapped bulk density

USP ,ASTM ,Kawakita Tapped density Could be automatically measured(option)



High Usability

Easy removal of Tapped Density Cap,using two fingers



Specially designed feeder

Dust free operation (option)



Complies with ASTM standard

Shocker operation is automatised & integral part of the unit

Automated Vibration Control

Vibration is electrically controlled with vib-sensor for repeatable result

Integrated HEPA filter

Protection for dust exposure (option)

Test Sieve Identification

Special Hosokawa designed Test Sieve drums. Simplify the measurement by recording Sieve Seral number. Particle size measurement OPTION using up to 12 Test Sieves

SPECIFICATION

Model	PT-X	
External dimension W x D x H	(mm)	420 x 570 x 510
Weight	(kg)	ca. 70
Electric supply	(V)	100-125/220-240 (Single phase)
Weighing Balance		Mettler-Toledo (Std.), Others Optional
PC		Note book
Vibration	Frequency (Hz)	50/60 (depends on power spuuly)
	Amplitude (mm)	0-3
Tapping	Number (-)	Max. 9999
	Stroke (mm)	18 (Std.) (3,10,14,20,30,40,3,10,14,20,30,40 by Option)



Process Technologies for Tomorrow

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