HOSOKAWA/MICRON

Powder Property Evaluation

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

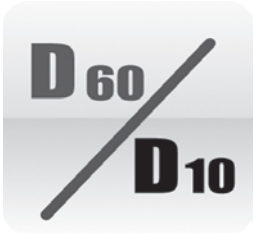
- **Complete Powder Characterization in one instrument**
  Contribution to improvement of production line and/or quality control to evaluate quantitatively of powdery feed or product
- **Automated Vibration with electrically controlled vib-sensor for repeatable results**
- **Integrated HEPA filter-optional dust protection**
- **Test Sieve Identification-measure by recording test sieve serial number**
- **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

High Usability

Easy removal of Tapped
Density Cap,using two fingers

Auto-measurement Tapped bulk density

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

Specially designed feeder

Dust free operation (option)

Complies with ASTM standard

Shocker operation is automised
& integral part of the unit

Automated Vibration Control

Vibration is electrically controlled
with vib-sensor for repeatable result

Integrated HEPA filter

Protection for dust explosure (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 5 or 7 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			A&D (Std.), Others Optional
PC			Note book
Vibration	Frequency	(Hz)	50/60 (depends on power supply)
	Amplitude	(mm)	0.5-3 (0.3&0.4 are available as option)
Tapping	Number	(-)	Max. 9999
	Stroke	(mm)	18 (Std.) (3,10,14,20,30,403,10,14,20,30,40 by Option)

Process Technologiues for Tomorrow
HOSOKAWA MICRON CORPORATION

Japan
Hosokawa Micron Corporation
URL : http://www.hosokawamicron.com/
- Sales Dept., Powder Processing System Div.
Phone : +81-72-855-2224, Fax : +81-72-855-2679
- After Sales Div.
Phone : +81-72-857-3721, Fax : +81-72-857-2771

Korea
Hosokawa Micron (Korea) Ltd.
URL : http://www.hosokawakorea.co.kr/
Phone : +82-2-420-5691, Fax : +82-2-420-5693

China
Hosokawa Micron (Shanghai) Powder Machinery Co. Ltd.
URL : http://www.hosokawa.com.cn/
Phone : +86-21-5306-8031, Fax : +86-21-6404-7579

Malaysia
Hosokawa Micron (Malaysia) Sdn. Bhd.
URL : http://hosokawa.com.my/
Phone : +60-3-7725-7433, Fax : +60-3-7725-6433

Subject to change without notice. All information in this brochure is purely informative and non-binding.
Our quotations are authorative with regard to orders.

2017HMC ALL Rights Reserved. Printed in Japan

6th. Jan 16, 2017 (Made by HOSOKAWA MICRON CORP.)