

BeDensi / HFlow



BeDensi T Series

- Tapped Density Meter
- Simultaneously Test 1-3 Samples
- Comply with ISO 3953: 2011

BeDensi B

- Bulk Density Tester
- Metal and Non-metal Powder
- Comply with ISO 3923/2

HFlow

- Flowability Tester
- Designed for Metal Powder
- Comply with ISO 4490-2008

Powder Characteristics

Measured by

Smart Powder Characteristics Testers

BEDENSI T1 / T2 / T3

BeDensi T series tapped density meter apparatus includes BeDensi T1 (one cylinder), BeDensi T2 (two cylinders) and BeDensi T3 (three cylinders). T2 and T3 can measure tapped density for 2 or 3 powder samples simultaneously.

BeDensi T series is compliant with international standard ISO 3953: 2011 and the United States Pharmacopeia for drug tapped density testing.



SPECIFICATIONS

- Repeatability precision: $\leq 1\%$
- Amplitude of vibration: 3mm
- Frequency of vibration: 100/min-300/min
- Maximum counter reading: 9999
- Cylinder volume: 25ml and 100ml

TAPPED DENSITY METER

Tapped density is obtained by vibrating a special container loaded with appropriate quantity of powder at special frequency and amplitude, and then recording the readings when the volume of powder does not reduce anymore, after that divide the weight of powder by volume. Tapped density meter is a special instrument used to determine tapped density of powder. It consists of modules of timing, control, driving, and operating and such accurate and robust device is characterized by adjustable tapping frequency (in order to be applied in different industries), easy operation and has become ideal tapped density determiner in powder industries of metallic powder, non-metallic powder, pharmaceuticals, chemicals, battery materials, abrasives as well as scientific research fields.

APPLICATIONS



BEDENSI B1-S

BULK DENSITY TESTER (FOR METAL POWDER)

The BeDensi B1-S bulk density tester uses the Scott capacity method to measure the bulk density of various metal powders. The manufacturing standard of BeDensi B1-S is in accordance with ISO 3923/2.



BEDENSI B1

BULK DENSITY TESTER (EXCEPT METAL POWDER)

The BeDensi B1 bulk density tester adopts the natural deposition method. Fully in accordance with GB / T16913.3-1997- Part III: Determination of bulk density.

HFLOW 1

FLOWABILITY TESTER (FOR METAL POWDER)

HFlow-1 evaluates the flowability of metal powders by testing the capability of the sample to flow through a 2.5 mm standard funnel.

The HFlow-1 Hall Flow tester is designed and manufactured based on the ISO 4490-2008 standard.



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