

Tap Density Tester

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Tap Density Tester LD-LTDT-A10 operates at 300 rpm frequency with a sample volume capacity of 250 ml. It is equipped with one workstation for single-sample analysis and supports up to 500 g sample weight. The amplitude is adjustable from 1 to 15 mm, with a stroke rate of 250 taps per minute. It includes a microprocessor-based control system with an in-built micro printer and vibration mechanism. Designed for determining bulk density, tapped density, and flow properties in powder testing labs.

Features:

- LED display for monitoring
- Single test station integration
- Compact and stable design
- Advanced result interpretation
- Anti-corrosive and durable body
- Automatic result saving
- Built-in micro printer
- Adjustable rpm and drop height

Applications:

Our Tap Density Tester LD-LTDT-A10 is used for calculating bulk and tapped density and evaluating Hausner ratio in quality control, packaging, and research labs. It supports workflows in pharmaceuticals, food industries, and material testing.

Specifications:

Model no.	LD-LTDT-A10
Power	40 W
Display	LED display
Accuracy	up to 1%
Humidity	up to 85% RH
Amplitude	Maximum 15 mm(1 to 15 mm integer variable)
Frequency	300 rpm (continuous adjustable in 0 to 300 rpm)
Net Weight	14 kg
Gross Weight	15 kg
Motor Torque	0.86 N. m
Power Supply	AC 220 V $\pm$ 10 %, 50 Hz
Work Station	1

Repeatability	up to 1%
Sample Volume	up to 250 ml
Sample Weight	Up to 500 g
Stroke Height	Stroke height 3 mm
Strokes / Min	250 strokes / min
Number of Tapping	0 to 99999(set 0 to output bulk density)
Product Dimension	330 × 265 × 165 mm
Packaging Dimension	420 × 390 × 390 mm