

# TAP DENSITY TESTER



Model: TD 1025

Labindia has designed Tap Density Tester, to measure the tapped density of powders, granules and similar products. The tester offers a standardized and repeatable method of measuring tapped volumes of powders. The unit provides users friendly operation.

## Salient Features

- Designed to meet current USP and ASTM specifications for tap density testing
- Two Tapping Positions for 14mm and 3mm respectively with cylinder holders to hold 100 ml and 250 ml cylinders.
- The unique simultaneous tapping and rotating motion assures that the material is evenly packed
- Calculates results - Tapped Density, Compressibility Index, Hausner Ratio and Bulk Density.
- Balance Interface for sample weight transfer
- PC Based Data downloading facility using EDC 21 software over LAN (optional)
- Low Volume Cylinder Adapters - 10 ml, 25 ml, 50 ml Cylinders - ASTM Compliant (Optional)
- 100 ml SS Cylinder - USP Method III (Optional)

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## SPECIFICATIONS

Sr. No.	Parameters	Specifications
1	Test Method	USP Method I (300 taps per minute) USP Method II (250 Taps per minute) USP Method III (55 taps per minute) and ASTM (Optional)
2	Tap Count Range	10-9999
3	Type of Drive	Direct Drive with steeper motor
4	Drop height	Position I = 14, ± 2mm Position II = 3, ± 0.2mm
5	Platform rotation	5-15 rotation / minute
6	Display	20X2 Line back lighted LCD display
7	Keyboard	Alphanumeric splash water proof polyester soft keys
8	Operating Modes	USP, User selectable
9	Output Printer RS-232C	Parallel Port PC Connectivity for Data Downloading
10	Cylinders Optional Cylinder =	1 each, 100ml & 250ml, Glass. For ASTM test - 10mL, 25mL and 50mL, Glass For USP III :- 100mL SS cylinder
11	Cylinder Holder Optional Adapters =	1 each for 100 ml & 250 ml. For ASTM test - 10mL, 25mL and 50mL cylinder, For USP III :- 100mL SS cylinder
12	Power Requirement	230VAC / 50 HZ, 45W
13	Environmental Operating Conditions	a) Operation Indoor b) Temperature ambient to 45° C c) Humidity 20% to 80%
14	Dimensions (Approx)	340 X 310 X 200 mm (W X D X H)
15	Shipping weight (Approx)	13 kg

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[www.labindia-analytical.com](http://www.labindia-analytical.com) / For Enquiries: [sales.mfd@labindia.com](mailto:sales.mfd@labindia.com)

### Labindia Analytical Instruments Pvt. Ltd.

#### HEAD OFFICE:

Thane: 201, Nand Chambers, LBS Marg, Near Vandana Cinema, Thane (W) - 400 602. Tel.: +91-22-6908 6000 / 6908 6110 E-mail: [sales.mfd@labindia.com](mailto:sales.mfd@labindia.com)

#### REGIONAL OFFICES:

Delhi: Tel.: +91-11-4330 6001 / 10

Chennai: Tel.: +91-44-2434 7008 / 2432 0352

Kolkatta: Tel.: +91-33-2466 3362

#### BRANCH OFFICES:

Bangalore: Tel.: +91 80 4565 6200

Lucknow: Tel.: +91-522-2346 535 / 2346 496

Hyderabad: Tel.: 040 4444 3530

Vadodara: Tel.: +91-265-2986 005 / 2986 006

Pune: Tel.: +91-(20)-2545 3386

Chandigarh: Tel.: +91-172-4090 001-07 / 4090 009

FACTORY: Plot No. EL-72, Electronic Zone, TTC Industrial Area, Thane Belapur Road, Navi Mumbai - 400 705. Tel.: +91-22-6107 6666

E-mail: [lipfactory@vsnl.net](mailto:lipfactory@vsnl.net)

APPLICATION & TRAINING CENTRE: R-909, TTC Industrial Area, Thane Belapur Road, Rabale, Navi Mumbai - 400 701. Tel.: +91-22-6107 6555



Striving to become the best individuals, we endeavour to foster the best team. Performing sensibly, we try to achieve the best efficiency. Working innovatively, we seek to make the best products. Listening patiently, we excel to offer the best service. So, no matter what you needs are, come to us, GET THE BEST

LABINDIA reserve the right to change specification without notice as part of its continuous programme of product development.