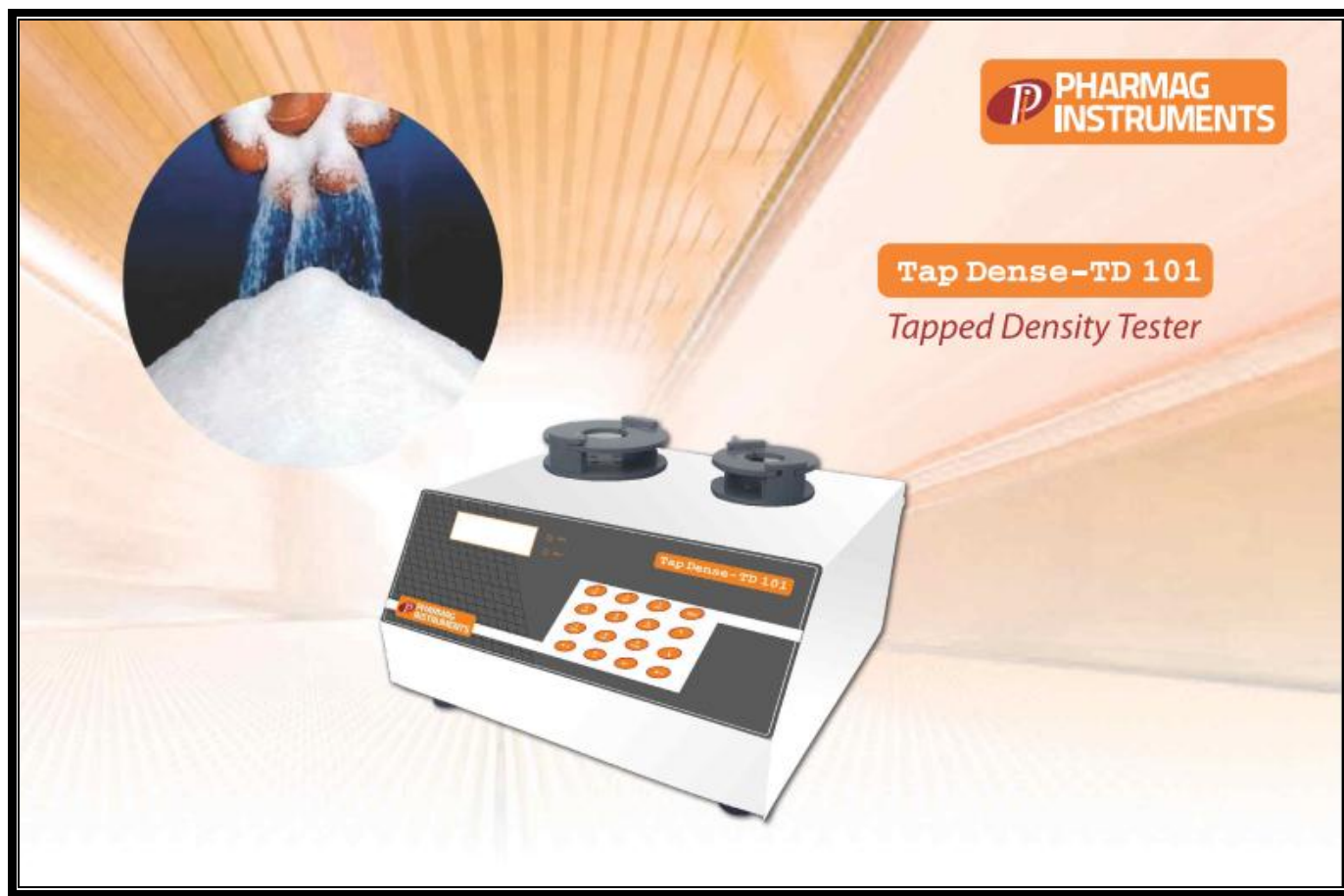


TAPPED DENSITY TESTER



Boghi Engineering & Software Technologies Pvt. Ltd.

Regd. Off: Plot No.11, Anandnagar-1, Bandlaguda, Nagole, Hyderabad-500068. Tel: 040-40245278.

Branch Off: 217, Maruthi Corporate Point, Swapnalok Complex, S.D. Road, Secunderabad-500003. Tel: +91-9347006933.

www.bestbig.net

SPECIFICATIONS

Tapped Density Tester

Test Methods	USP-I & USP-II
No. of Stations	2
Keyboard	16 Soft touch membrane keys, alphanumeric mobile keypad
Tap Height	USP-I: 14mm± 2mm, USP-II: 3mm ± 0.3mm
Taps/minute	USP-I: 300± 15, USP-II: 250± 15
No. of Tap Counts	1 to 9999
Type of Drive	Direct Drive with Stepper Motor
Printer	Attachment of RS232 printer with Serial interface
Standard Accessories	Cylinders 100 & 250ml (1 each) Cylinder holders for 100 & 250ml (1 each)
DISPLAY	20 x 4 Alphanumeric
ELECTRICAL SUPPLY	230 V AC ± 10%, 50/60 Hz, 44VA
DIMENSIONS (WXHxD)	360 x 340 x 190 mm without holder
WEIGHT	15 Kgs

* Due to constant research and development, design and specifications may change without prior notice.

Spares For Tapped Density Model: TAP DENSE - TD 101



Scientific Glass
Graduated Cylinder
100 ml & 250 ml



Adapter for USP II



Cylinder Holder Small



Cylinder Holder Big

TAP DENSITY TESTER

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



Model: TD 1025

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 stepper 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 cm (W X D X H)
15	Shipping weight (Approx)	13 kg

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