

NEW

ELECTROLAB
Your Quality, Our Assurance

Tap density tester

TAPTUS



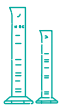
Biometric



Inbuilt
Printer



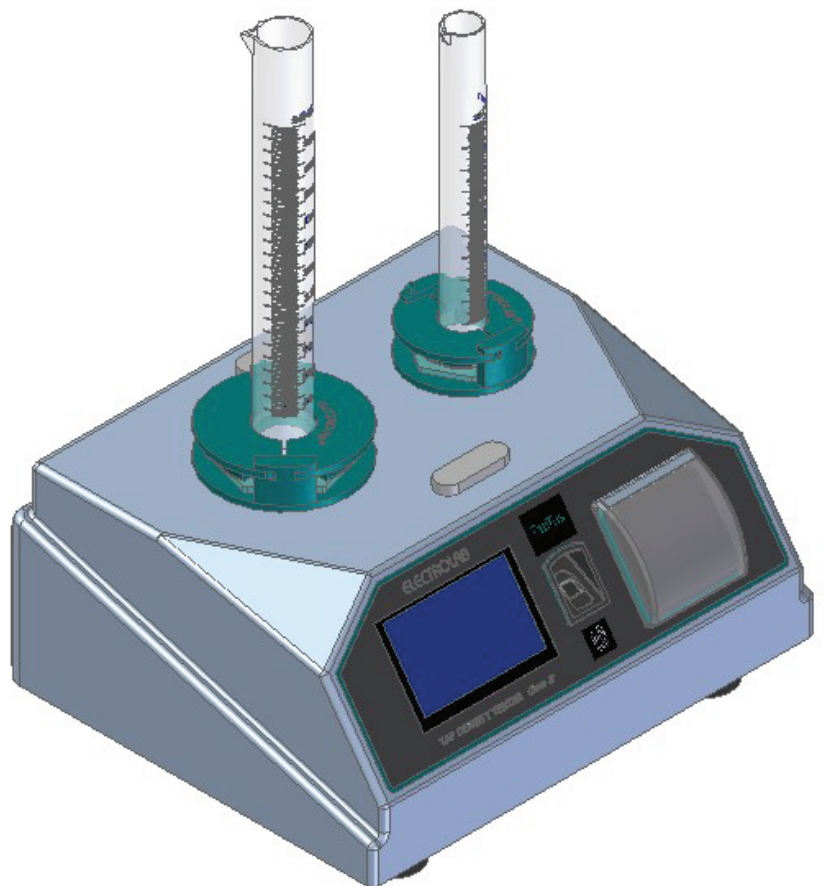
Touch
screen

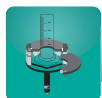


2 stations



USP methods
1, 2, 3





Snap-lock™ Mechanism

- Two different cylinder holders with Snap-lock™ mechanism designed to hold the 100 ml and 250 ml cylinders



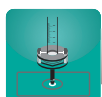
USP Method 1 and USP Method 2 ,Method 3

- The instrument has 2 methods:
 - USP Method 1
 - USP Method 2
 - USP Method 3
- The test can be performed in 2 different modes in both the test methods
 - USP mode - test will run with set number of taps as per USP requirements
 - User mode - test will run with set number of taps as per user requirements



Simultaneous Rotating and Tapping Motion

- Minimizes any possible separation of the mass during tapping down



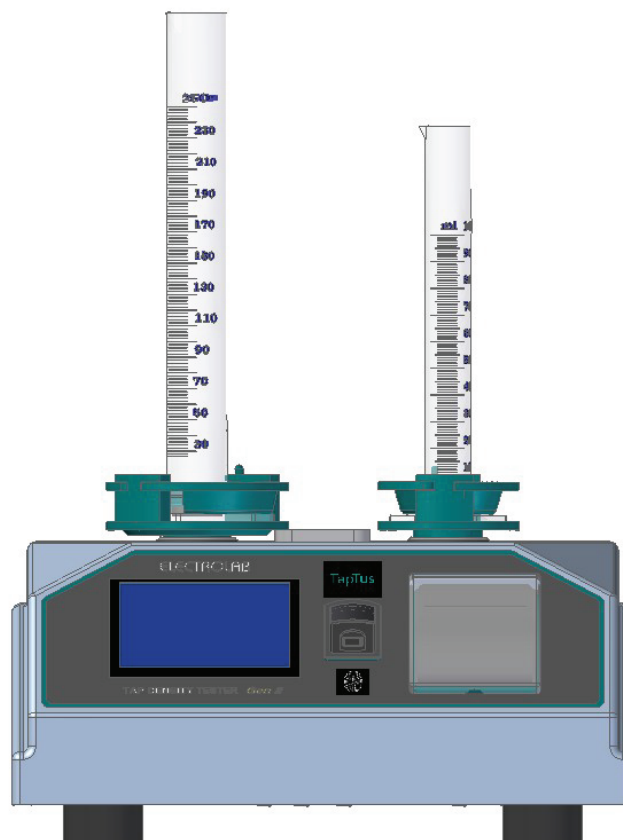
Free Drop of the Cylinder

- Virtually friction-free bearings ensure a free drop of the cylinder from required height



Quality by Design

- Complies with USP and ASTM specifications
- Easily upgradeable at any point
- TestAssist effortlessly calculates the Hausner Ratio and Compressibility Index.
- 5" inch Touchscreen Display
- Completely flexible, allowing users to define their own methods.
- Compatible with LIMS, MES, and OPC systems.
- Compliant with 21 CFR regulations.



User Friendly Operation



Results



Security



LAN



Print



Date and Time

Taptus Licenses

Storage Capacity	Basic	Network	Advance Reporting	CFR	OPC
Users	50	50	250	250	250
Roles	10	10	10	10	10
Audit trails				200000	200000
Report Template			10	10	10
Reports	1 (Last Report)	1 (Last Report)	50000	50000	50000
Products	20	20	1000	1000	1000
Methods	20	20	1000	1000	1000
Logbook			200000	200000	200000

Taptus Licenses						
Modules	Basic	Network	Advance Reporting	CFR	OPC	DM
Basic Security	✓	✓	✓	✓	✓	
Report Print Serial port	✓	✓	✓	✓	✓	
Dlight	✓	✓	✓	✓	✓	
Buzzer	✓	✓	✓	✓	✓	
Machine to Machine data transfer		✓	✓	✓	✓	
Report Print LAN port		✓	✓	✓	✓	
DHCP/Static LAN option		✓	✓	✓	✓	
NetworkTime Sync option		✓	✓	✓	✓	
Advance Security			✓	✓	✓	
Logbook			✓	✓	✓	
Report Template			✓	✓	✓	
Audi trail				✓	✓	
Backup/Restore				✓	✓	
CSV/Json File transfer for LIMS/MES					✓	
Hourly backup(disaster recovery)						✓

Specification	
Model	TapTus
Test methods	USP 1 and USP 2, USP 3
No. of station	2
Tap height	Station 1 : 14 mm ± 2 mm / 3 mm ± 0.2 mm, Station 2 : 3 mm ± 0.2 mm
No. of tap counts	10, 500, 1250
No. of taps	1 to 9999
Touch Screen	5" inch touch screen display
Type of drive	Direct drive with stepper motor
Printer interface	USB & LAN Port
Electrical power	220/230 V AC ± 10%, 50/60 Hz, 44 VA 110 V AC ± 10%, 50/60 Hz, 44 VA
Dimensions (W x H x D)	360 x 320 x 200 mm
Weight	17 kg

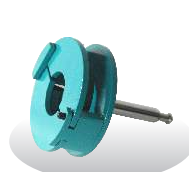
Standard Accessories



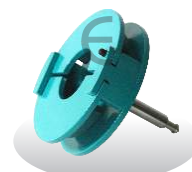
Measuring cylinder 100 ml 'A'
with certificate
Part no - 0301A00001



Measuring cylinder 250 ml 'A'
with certificate
Part no - 0301A00003



Cylinder holder for 100 ml
Part no - 0301A00017



Cylinder holder for 250 ml
Part no - 0301A00018

Optional Accessories



Acoustic cabinet
Part no - 0301A00014



Adapter for 10 ml
measuring cylinder
Part no - 0301A00012



Adapter for 50 ml
measuring cylinder
Part no - 0301A00011

Reduces the sound level to 71 dB
to meet laboratory standards



Part No.	Description
0301A00002	Measuring cylinder 100 ml 'B' without certificate
0301A00004	Measuring cylinder 250 ml 'B' without certificate
0301A00005	Measuring cylinder 50 ml 'A' with certificate
0301A00006	Measuring cylinder 50 ml 'B' without certificate
0301A00009	Measuring cylinder 25 ml 'A' with certificate
0301A00010	Measuring cylinder 25 ml 'B' without certificate
0301A00007	Measuring cylinder 10 ml 'A' with certificate
0301A00008	Measuring cylinder 10 ml 'B' without certificate



Care & Maintenance

- It is advised to lock the cylinder holder properly before starting the test. Not doing so could lead to accidents and breakage of glasswares.

Please ask Electrolab's Service Engineer / Sales Person, to confirm whether your existing Tap Density is compliant to current USP criteria

Our Products

- Complete range of Dissolution Testers • Dissolution Media Preparator • Disintegration Testers • Friability Testers • Tablet Hardness Testers
- Electromagnetic Sieve Shakers • Bulk Density Tester • Powder Flow Tester • Leak Testers • Peristaltic Pumps

The information contained in this document is believed to be correct but **ELECTROLAB** accepts no liability for any errors and reserves the right to alter specifications without notice
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ELECTROLAB (India) PVT. LTD. (CIN NO : U33110MH2002PTC136735)

Head Office : 401, Tirupati Udyog, I. B. Patel road, Off. Western Express highway, Goregaon (East), Mumbai - 400 063, India.

Tel : +91 - 22 - 4041 3131 • E-mail : sales@electrolabindia.com

Factory : EL 23/24, T. T. C., Electronic Zone, M. I. D. C, Mahape, Navi Mumbai - 400 710, India.

Tel : +91 - 22 - 4161 3131 • Website : www.electrolabindia.com



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