

Automatic Disintegration Tester



AutoDT is a fully automated disintegration tester, developed according to the current specifications provided under chapters <701> and <2040> in USP and <2.9.1> in Ph.Eur. It is 21 CFR Part 11 compliant and comes with a standalone interactive user friendly interface. Auto registration of disintegration time, autosensing of media type, fill level, and auto test start allows for walkaway automation. It warrants for minimal analyst time. Bathless heating technology further reduces wait times and maximizes throughput. The different configurations offer flexibility of testing several batches at the same time.



Bathless



Quick Heating



Infrared Temperature Monitoring

Bathless Heating

Features

- Powersaving heaters to heat the medium
- Quick heating
- Direct heating of the medium avoids water bath maintenance- cleaning and frequent changeovers
- Infrared sensor based temperature monitoring
- Firmware based temperature calibration

Benefits

- Saves electricity (56%), time and water (41%)
- Saves time, increases productivity
- Increases compliance, eases setup
- Provides accuracy
- Provides ruggedness

Walkaway Automation

Features

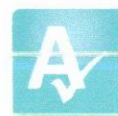
- Automatic detection of medium type and medium fill level
- Automatic test start upon reaching set temperature
- Automatic detection of tablet disintegration time
- Automatic generation of audio-visual signals

Benefits

- Reduces wait times, increases convenience, increases throughput
- Reduces wait times, increases convenience
- Facilitates compliance, reduces human error
- Indicates instrument status



Automatic Test Start



Automatic Detection End Time



Technology



Media Detection

Robust Design

Features

- Compact footprint
- Baskets of inert material
- Wire-free baskets
- Colour coded discs
- No extraneous metal disc in beaker

Benefits

- Saves bench space
- Eases setup, avoids corrosion and contamination
- Provides swivel-free attachment, aids quick changeovers
- Aids identification
- Avoids bubbles and erosion



Snap- Click and Swivel Free



Maintenance Free

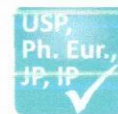
User friendly Interface

Features

- Interactive touch screen
- Increased protocol storage space, number of users and access levels
- Biometric login
- Electronic logbook and audit trail

Benefits

- Aids functioning, increases convenience
- Increases compliance, eases setup
- Increases compliance
- Provides complete 21 CFR Part 11 compliance, eases regulatory burden



Pharmacopoeial Compliance



Integrity Operating System



Fingerprint Authentication



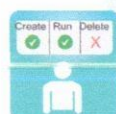
Security



Print Interface



250 users



10 User Defined Roles



Audit Trail



Report

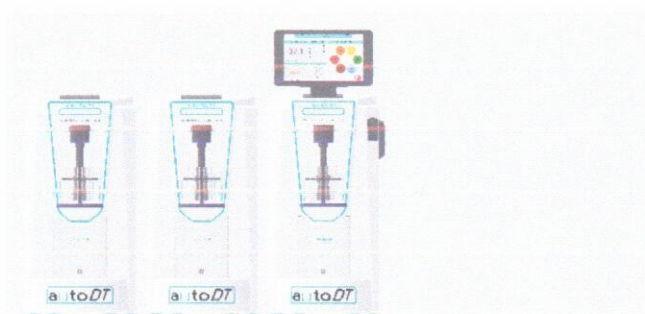
Available Configurations



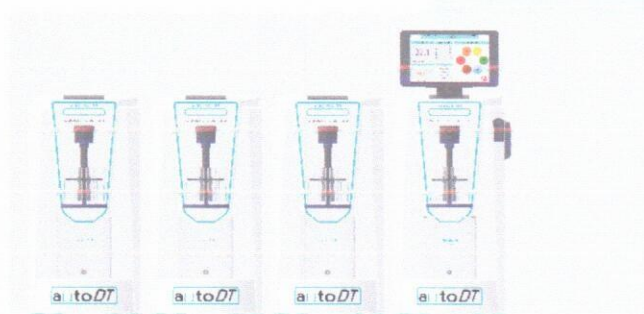
AutoDT



AutoDT and 1 child module



AutoDT and 2 child modules



AutoDT and 3 child modules



AutoDT and Prep module



AutoDT with Prep and 3 child modules

Standard Accessories



Guided disc for capsules and tablets (Set of 6)
Part no -0219000089



Six tube basket assembly
Part no -0219000028



Glass beaker (1000 mL)
Part no -0215000016

IntegrOS™			
	Lite	Standard	Pro
Security	✓	✓	✓
Electronic Instrument Log Book		✓	✓
Data Transfer	Print	Print + Electronic (A4/L)	Print + Electronic (A4/L)
Instrument → kloudbase/LIMS / FPI			
• User Details			✓
• Method Information			✓
Instrument → kloudbase/LIMS / FPI			
• Reports		✓	✓
• Audit Trail			✓

Specifications

Model	AutoDT
Basket	1L
Basket	6 tube
Disc	Color coded discs
Display	7"
Printer interface	LAN / RS 232 / USB
Heater	100W
Illumination	Green LED / D'light
Power supply	230V
Strokes / min	30 ± 1 strokes / min
Stroke length	55 ± 1mm
Readable temperature range	20 to 45°C
Temperature Accuracy	± 1°C
Protocol Storage	1000
Test Report Storage	10000
Security	Multilevel with password for 250 users with 10 user programmable role
Biometric finger print	Optional
Thermal printer	Optional
Dimensions (LxWxH)	220 x 297 x 565 mm
Weight	7.5 kg

Warranty and Training

- 1 year warranty on limited parts. Conditions apply
- Training during installation provided
- IQ, OQ support is available

Please make a note that the Extended warranty covers only the mentioned parts. Labour / service is chargeable. The said warranty Stands valid when instrument is operated in normal conditions as mentioned in the protocol, void in case of abnormal ambients such as water impact, Rodent attack, Fire accidents etc.

Our Products

- Complete range of Dissolution Testers • Dissolution Media Preparator • Friability Testers • Tablet Hardness Testers
- Electromagnetic Sieve Shakers • Tap Density Tester • 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.

+91 - 22 - 4041 3131 sales@electrolabgroup.com

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

+91 - 22 - 4161 3122 www.electrolabgroup.com

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