ELECTROLAB

Your Quality, Our Assurance

Automatic Disintegration Tester

User friendly Interface

Walkaway Automation

Robust Design

Bathless Heating

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	Benefits
Powersaving heaters to heat the medium	Saves electricity (56%), time and water (41%)
Quick heating	Saves time, increases productivity
Direct heating of the medium avoids water bath maintenance- cleaning and frequent changeovers	Increases compliance, eases setup
Infrared sensor based temperature monitoring	Provides accuracy
Firmware based temperature calibration	Provides ruggedness

Walkaway Automation

Features	Benefits
Automatic detection of medium type and medium fill level	Reduces wait times, increases convenience, increases throughput
Automatic test start upon reaching set temperature	Reduces wait times, increases convenience
Automatic detection of tablet disintegration time	Facilitates compliance, reduces human error
Automatic generation of audio-visual signals	Indicates instrument status

Automatic Test Start

Automatic Detection End Time

Technology

Media Detection

Snap- Click and Swivel Free

Maintenance Free

Robust Design

Features	Benefits
Compact footprint	Saves bench space
Baskets of inert material	Eases setup, avoids corrosion and contamination
Wire-free baskets	Provides swivel-free attachment, aids quick changeovers
Colour coded discs	Aids identification
No extraneous metal disc in beaker	Avoids bubbles and errosion

User friendly Interface

Features	Benefits
Interactive touch screen	Aids functioning, increases convenience
Increased protocol storage space, number of users and access levels	Increases compliance, eases setup
Biometric login	Increases compliance
Electronic logbook and audit trail	Provides complete 21 CFR Part 11 compliance, eases regulatory burden

Pharmacopoeial Compliance

Integrity Operating System

Fingerprint Authentication

Security

Print Interface

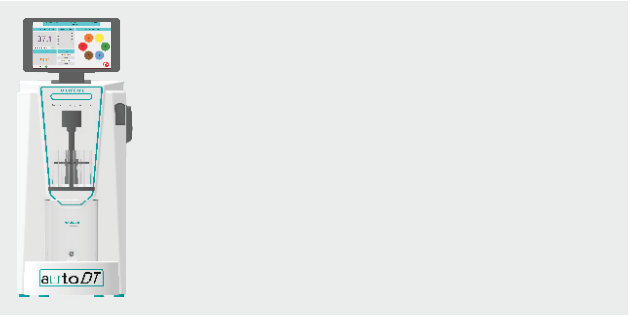
250 users

10 User Defined Roles

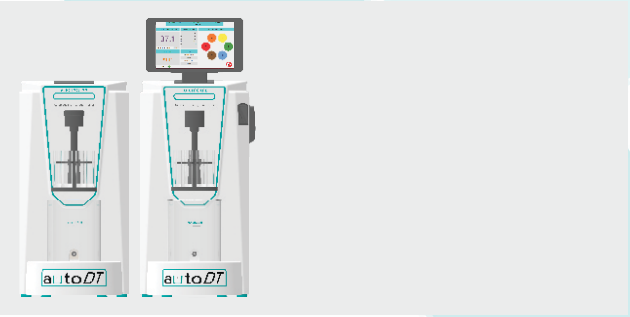
Audit Trail

Report

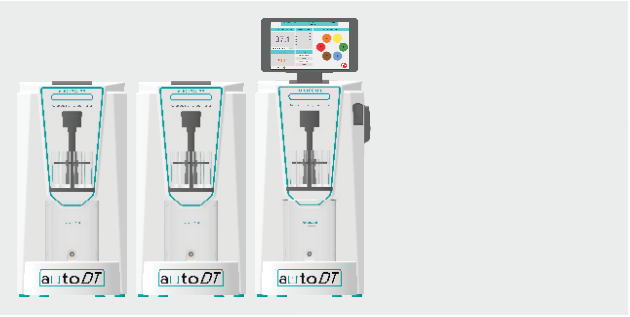
Available Configurations



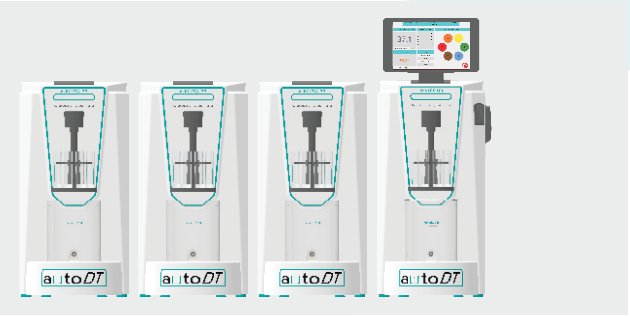
AutoDT



AutoDT and 1 child module

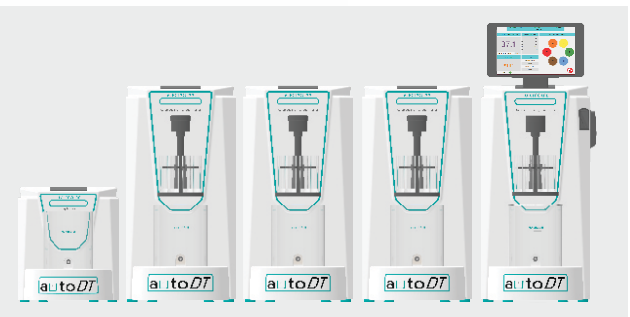


AutoDT and 2 child modules



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 (XML)	Print + Electronic (XML)
Instrument ⇄ kloudbase/ LIMS / FPT • User Details • Method Information			✓ ✓
Instrument → kloudbase/ LIMS / FPT • 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.

ELECTROLAB

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

ELECTROLAB Sales & Service Worldwide