

ELECTROLAB

Your Quality, Our Assurance

Dissolution Tester

8 Station Dissolution Tester **INSPIRE-08**



10500+
Dissolution Systems Installed Worldwide

14 Station Dissolution Tester **INSPIRE-14**





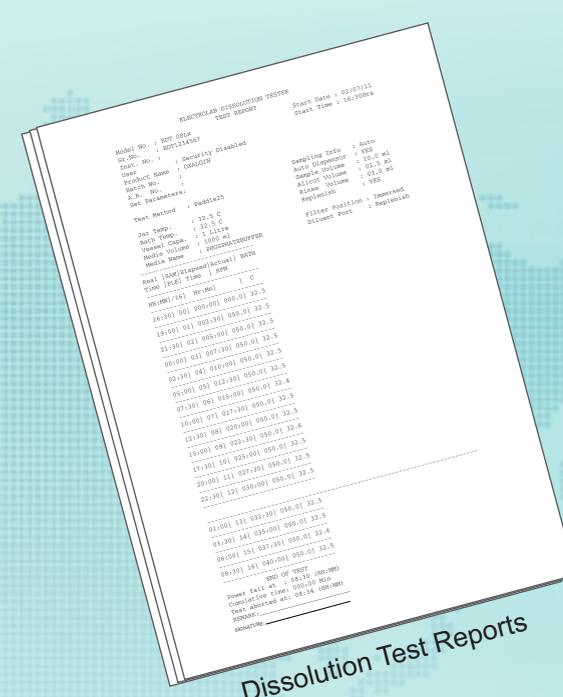
Multi-Level Security



Infinity Test



Inspire-14 with DC sample collector



Report

14 Station

Benefits

- Efficient tool for biowaiver, ANDA and SUPAC- MR where n=12
- Consistent results with one dissolution water bath rather than variations possible with two separate dissolution water baths
- Incubation of replenishment media under same conditions to the dissolution media

60+% Savings

Compared to two 8 station Dissolution Systems, one 14 station Dissolution System saves:

- 67% bench space
- 64% electricity
- 63% water



Motorized Lift Mechanism

- Hands-free quiet operation
- Automatic stirrer height positioning for USP 1, 2, 5, 6 and intrinsic test methods



AutoDropSync™ (Optional)

- Simultaneous dropping of dosage in non-rotating media
- User defined test start (immediate or delayed) immediately after media temperature is attained
- Extra wide aperture to accommodate dosage and sinkers up to 24 mm



Snap-Fit™ Shaft

- Unibody construction (crevice-free) of Snap-Fit™ shaft provides wobble free operation and accurate height adjustment
- Facilitates quick changeover between methods



Multi-stage Filtration

- Inbuilt filters facilitates 2 or 3 stage filtration ranging from 10 μ - 15 μ, 0.45 μ to 0.22 μ
- Close proximity of filter manifold reduces variability caused by automation



Isolated Temperature Controller

- Isolated temperature controller for vibration-free and precise temperature control

QbD

Quality by Design

- International regulatory compliance (USP, Ph. Eur, JP, IP)
- Easy access to all physical parameters for cleaning and mechanical qualification
- Designed to minimize routine validation
- All sample contact parts are made of inert materials
- Versatility allows adaptation to USP 1, 2, 5, 6 intrinsic and special height (45 mm) apparatus
- Transparent and amber colored vessels-capacity ranging from 100 ml to 4 L
- Sampling manifold dives the individual cannulas and vessel temperature probes to the appropriate sampling zone based on the method
- Wake up and sleep mode for the temperature controller saves time and conserves energy
- High performance ZDV (Zero-Dead-Volume) syringe pump for precise and accurate sampling



Rinsing

- Split-Rinse™: Programmable rinse volume purged to waste in multiple cycles to avoid carryover

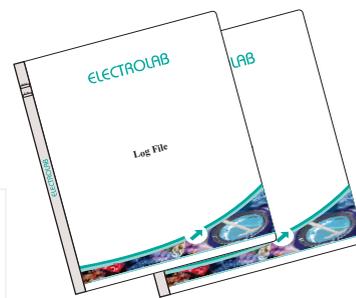


Sample Collector Tray

Sample Collector Tray (ESC-12Dc)
Plastic tubes
• 20 ml (16 x 12)

Standard accessories :

- Laser marked and certified precision merlon vessels, paddles and baskets
- Drawer organizer with cover for paddles and baskets



Record the dissolution process with **iDisso™**

Reduce frequent water bath maintenance by using **ClearView™** with **deconex™**

Access dissolution test information with **kloudbase™**

ANY Where
Time
Device

Log File
Includes IQ/OQ, Maintenance Log etc.

Specifications

Model	INSPIRE-08 with DC	INSPIRE-14 with DC
No. of stations	n = 8	n = 14
Speed range	20 RPM to 300 RPM	
Speed accuracy	± 1 RPM	
Temperature range	20°C to 40°C	
Temperature accuracy (at 37°C)	± 0.1°C	
Display	40 x 4 character LCD	
No. of protocols	20	
No. of samples	20	
Sample interval	Maximum 16 of 1 min to 23 hrs, 59 min	
No. of syringes	Standard : 6	Standard : 12
Interface port & Printer port	RS 485 & RS 232	
Stirrer drive	High performance BLDC (maintenance-free)	
Vessel capacity	100 ml, 250 ml, 1 L, 2 L, 4 L	100 ml, 250 ml, 1 L, 2 L
Water bath	One piece moulded clear or amber	
Bath capacity	28 L	40 L
Temperature controller	Heater : 1kW, SS 316 with thermal protection Sensor : RTD	
Electrical power	220/230 VAC, 50/60 Hz, 1.3 kW/6 Amp 110 VAC, 50/60 Hz, 1.3 kW/6 Amp	
Dimensions (W x H x D) :		
Basic	124 cm x 65 cm x 71 cm	167 cm x 65 cm x 71 cm
Offline Automation System	170 cm x 65 cm x 71 cm	230 cm x 65 cm x 71 cm
Weight :		
Basic	84 kg	126 kg
Offline Automation System	141 kg	212 kg

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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Sales
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