

ELECTROLAB

Your Quality, Our Assurance



Dissolution Tester TRUST-E-8

Features

- ⦿ Comply with IP, USP, BP and Ph. Eur specifications
- ⦿ Body of M.S. galvanized & powder coated, with larger LCD display for user friendly operations
- ⦿ All the metal parts of the dissolution apparatus that come into contact with the preparation or the dissolution medium must be made from stainless steel
- ⦿ Multilevel security with password protection
- ⦿ Alphanumeric data entry of product and user details
- ⦿ Facility of programming different aliquot volume for each sample interval
- ⦿ Media changeover function and infinity test run should be user friendly for sustained /controlled/extended release products
- ⦿ Automatic stirrer height positioning as prescribed in the different Pharmacopoeia's for intrinsic test methods and also allows user specified height
- ⦿ Easy paddle/basket shaft locking mechanism for wobble free operation
- ⦿ Clear water bath with chemical resistant and non-corrosive top-plate precise individual vessel centering system
- ⦿ Adjustable leveling of instrument
- ⦿ Vibration free smooth motorized lift movement Isolated water circulating pump for precise temperature control of the water bath
- ⦿ Minimum 24 programmable sampling intervals
- ⦿ Easy to empty and clean water bath with bottom drainage
- ⦿ Instrument accessories like Paddles, Baskets and Glass vessels are laser marked. Merlon Jars are not laser marked
- ⦿ Designed to minimize routine validation
- ⦿ Programmable wake up for temperature control
- ⦿ Error message display, Power failure detection facility

Specifications

Model	Trust€-8 Basic
No. of stations	8
Display	7" TFT touch screen display
Speed range	Variable speed from 20 to 300 RPM
Speed accuracy	± 0.5 RPM or better
Temperature range	20° C to 40° C
Temperature accuracy (at 37°C)	±0.1° C
Test report storage	Can store 10000 test reports
No. of protocol	1000 maximum
Bath	Clear polycarbonate bath
Pump type	Magnetic coupling
Pump flow rate	10 Litres / minute
Vessel capacity	150 ml, 250 ml, 1 L, 2 L
Temperature controller	1 kW/230 VAC, material S.S. 304 with sensor
Electrical power	220/230 VAC, 50/60 Hz, 1.3 kW/6 Amp 110 VAC, 50/60 Hz, 1.3 kW/10 Amp
Interface port	Ethernet, RS – 232 ,RS-485
Dimensions (L x W x H) :	
Basic	70 X 69 X 50 cm
Weight :	
Basic	84 kg

Record the dissolution process with **iDisso™**

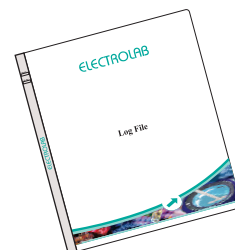
Reduce frequent water bath maintenance by using **ClearView™** with deconex

Access dissolution test information with **kloudbase™**

ANY Where
Time
Device

Standard accessories :

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



Log File
Includes IQ/OQ, Maintenance Log etc.

Accessories

Standard accessories

Part number	Description	Quantity
0104A00075	EDT laser marked basket 40 mesh	8
0104A00066	EDT basket rod	8
0104A00069	EDT basket holder with 'O' ring	8
0104A00152	EDT molded tray for basket, basket holder & rod	1
0104A00091	Serialized laser marked paddle (USP II)	8
0104A00093	EDT molded tray for paddles	1
0104A00398	EDT glass vessel 1000 ml – clear	6
0104A00242	EDT merlon vessel -1000 ml (clear)	2
0104A00042	EDT low evaporation vessel lid	8
0104A00018	EDT V-1234 external probe	1
0104BV4155	EDT V-5 External Probe Without Trim Pot	1
0104A00050	EDT disposable filters (Packet of 100)	1

Optional accessories

0104A00477	EDT ClearView™ (230V) Version-2.1	1
0104A00445	Biometrics (200+users and 5 finger prints each)	1
0909A00008	40 column embedded printer	1
0104A00480	Vibro	1
0104A00398	EDT Laser marked glass vessel 1000 ml - clear with sigma delta certificate	1
0104A00401	EDT laser marked glass vessel 1000 ml - amber with sigma delta certificate	1
0104A00259	EDT merlon vessel 1000ml amber (N)	1

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
Sales
&
Service
Worldwide

Features

08
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
- ⦿ AutoDropSync™ can accommodate dosages 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

- ⦿ 2 or 3 stage filtration ranging from 10 μ - 15 μ , 0.45 μ to 0.22 μ is possible
- ⦿ 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
- Corrosion free sturdy bath top plate
- 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
- 2 axis movement of sample collector arm enables piercing of precut septa for HPLC vials
- Enclosed sample collector prevents contamination and excess evaporation of samples



Rinsing

- Split-Rinse™: Programmable rinse volume purged to waste in multiple cycles to avoid carryover
- Loop-Back™: Circulate the rinse volume through the transfer tubings back to vessel to eliminate waste volume

18%
reduction in
variability

Dilution with Stirring

- Simultaneous purging and mixing of the aliquot and diluent for homogeneous sample preparation (Patented)
- Automated dilution of aliquot is possible by using replenishment media or mobile phase

4
types

Sample Collector Tray

D'light™ technology for visual indication of instrument status from anywhere in the laboratory

- Power on
- Needle diving up / down
- Communication with dissolution tester

Error due to :

- Absence of sample collector tray
- Absence of waste tray
- Sample collector hood ajar

Movement of arm to :

- Sample position
- Waste tray / home position

Sample Collector Tray (ESC-12Dx)

HPLC vials	PP vials
• 1.5 ml (24 x 12)	• 20 ml (16 x 12)
Combination tray (with dilution option)	
HPLC and PP vials	
• HPLC vials 1.5 ml (8 x 12) + Glass tubes 20 ml (8 x 12)	



Limited System Access



Authority Checks



Device Checks



Accurate and Complete Copies of Records



Metadata Storage



Multi-Level Security



Print Report



Touch Screen



LAN



Fingerprint Authentication



Infinity Test