

Bathless Dissolution System

14 Station BTV (VERITAS)



Bathless Heating

- Bathless heating saves:
 - Water
 - Electricity
 - Time
- Quick heating of media i.e. attains temperatures from 25°C to 37°C within 12 mins (for USP Apparatus 2)



V-Stir™ Technology (Patented)

- Ensures continuous wireless temperature monitoring without affecting the hydrodynamics in the vessel
- Identifies position, apparatus type and apparatus presence to reduce manual errors
- Wireless apparatus enables easy cleaning and maintenance



Motorized Lift Mechanism

- Hands-free quiet operation
- Automatic stirrer height positioning for USP apparatus 1 and 2

Snap-Fit™ Shaft

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

D'light™ Technology

- Visual indicators along with sound alert for dissolution instrument status:
 - Idle
 - Ready
 - Run
 - Error



Continuous temperature monitoring



Time saving



Maintenance free



Identifies position



Touch screen



Ethernet connectivity



EDT-14 BTv with iDisso 12



Infinity Test



Customized Reports

QbD

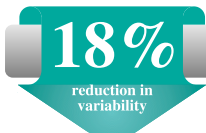
Quality by Design

- International regulatory compliance (USP, Ph. Eur, JP, IP)
- 7" touch screen display
- Storage capacity of 100 protocols and test reports
- Easy access to all physical parameters for cleaning and mechanical qualification
- Designed to minimize routine validation
- Top plate resists corrosion and abuse
- All sample contact parts are made of inert materials
- Versatility allows adaptation to USP apparatus 1 and 2
- Ergonomically designed storage tray for baskets and paddles (Optional)



Rinsing

- Split-Rinse™ : 57% reduction in rinse volume purged to waste in multiple cycles to avoid carryover
- Loop-Back™ : Circulates the initial rinse volume through the transfer tubings back to the dissolution vessel, to eliminate waste volume



Dilution with Stirring (Optional)

- Simultaneous purging and mixing of the aliquot and diluent for homogeneous sample preparation (Patented)



Sample Collector Tray

HPLC Vials	Glass Tubes
• 1.5 mL (24 x 12)	• 20 mL (16 x 12) • 10 mL (24 x 12)

Combination Tray (with Dilution option)

- HPLC vials 1.5 mL (12x12) + Glass Tubes 10 mL (12x12)
- HPLC vials 1.5 mL (8x12) + Glass Tubes 20 mL (8x12)

*Customized trays available

Electrolab Bathless Tablet Dissolution Tester			
Test Report			
Instrument ID	1509008	Brand Name	Electrolab
Serial no.	192168.2145	Model no.	EDT-08TX
IP address	01.01	Firmware ver	V1.1e
Build No.		Role	Testing
User Details	ELAB Admin		
Sample Details	12045682	LOT Number	1234
A.R. Number	142568	Batch Size	1234578
Product Details	Aspirin	Purity	100%
Product Name	Tablet	Purity	500 mg
Dosage Form	Immediate release	Configuration	Closed loop
Product Type			
Dissolution Setup	Particle	Vessel Temp	37.0
Apparatus Type	00:30	Drop Sync Timer	00:50:00
Power Fail Delay	01:30	Halt Duration	05:40:00
Manifold Level	00:10	Sample withdrawal	00:20
Rotation Delay			
Media Details	Media pH 07.5		
Media Name 1		Volume	1000 ml
Sampling Details	Auto	Sampling By	Syringe Pump
Sampling Type	10 ml	Rinse Type	Rinse Loopback
Syringe Capacity	OFF		
ESR Stirrer	10.0 ml	Rinse Volume	03.0 ml
Sample Volume	Yes	Diluent	Replenish
Replenish	Immersed		
Canula Position		Heater	No
Post Test Setting	No	Report	No
Stirrer	No		
Cleaning	No		
Autodispenser	No		

Dissolution Test Report (Pg. 1/2)

Electrolab Bathless Tablet Dissolution Tester			
Test Report			
Sample No.	Real Time	Elapsed Time	HH:MM:SS
0	011:00:00	002:00:00	000.0
1	012:00:00	003:00:00	100.0
2	013:00:00	004:00:00	100.0
3	014:00:00	005:00:00	100.0
4	015:00:00	006:00:00	100.0
5	016:00:00	007:00:00	100.0
6	017:00:00	008:00:00	100.0
7	018:00:00	009:00:00	100.0
8	019:00:00	010:00:00	100.0
9	020:00:00	011:00:00	100.0
Test Status : Test Completed			
Remark :			
Operator's signature			
Supervisor's signature			

Dissolution Test Report (Pg. 2/2)

Standard accessories :

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

* Accessories are laser marked and certified



Log File
Includes IQ/OQ, Maintenance Log etc.

Record the dissolution process with **iDisso™**

Access dissolution test information with **kloudbase™**

ANY Where
Time
Device

Specifications

Model	EDT-14BTv
No. of station	n = 14
Speed range	20 to 300 RPM
Speed accuracy	± 0.5 RPM
Temperature range	20°C to 40°C
Temperature accuracy (at 37°C)	± 0.1°C
Display	7" TFT touch screen display
No. of protocol	100
No. of sample	24
Sample interval	1 min to 999 hrs, 59 min
No. of syringes	Standard : 12, Optional : 14
Interface port	Ethernet, RS 232, RS 485
Stirrer drive	High performance BLDC (maintenance-free)
Vessel capacity	1 Litre
Electrical power	220/ 230 VAC, 50/60 Hz, 600 W/3 Amp 110 VAC, 50/60 Hz, 600 W/3 Amp

Our Products

- Complete range of Dissolution Testers • Dissolution Media Preparator • Disintegration Testers • Friability Testers • Tablet Hardness Testers
- Tap Density Testers • Bulk Density Tester • Electromagnetic Sieve Shaker • 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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