

Dissolution Tester

VERITAS Sample Collector (DX)



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Dissolution Testers



8 Station Bathless Dissolution Tester **VERITAS-08** with sample collector (DX)



Date: 10/06/2019
 Electrolab
Test Report
 Instrument ID: 1100000 Model no: ELECTROLAB
 Serial no: 1200000 Lot no: EOT-081X
 IP address: 192.168.2.145 Firmware ver: V1.1w
 Build No: 01.01
 Role: Testing
 User Name: ELAB Admin
 LDT Number: 1004
 Batch Size: 1204579
 A.R. Number: 1204599
 Product Name: Tablet Purity: 100%
 Product Form: Tablet Purity Configuration: 100 mg Closed loop
 Product Type: Immediate release
 Dissolution setup:

Radius	60.30	Vertical Temp	37.0
Apparatus Type	90.30	Drop Sync Timer	00:50:00
Power On Delay	01:00	Heat Chamber	00:40:00
Manifold Level	90.10	Sample withdrawal	00:05
Rotation Delay	90.10	Volume	1000 ml

 Media Details: Media Name: Media pH: 7.5 Media Name 2:
 Sampling details:

Sampling Type	Auto	Sampling By	Syringe Pump
Sampling Capacity	10 ml	Release Type	Release Lockdown
SSC Sensor	OFF	Release Volume	95.0 ml
Sample Volume	10.0 ml	Release Volume	95.0 ml
Release Volume	Yes	Release Volume	95.0 ml
Container Position	Immersed	Release Volume	95.0 ml

 Post Test Setting:

Blower	No	Heater	No
Cleaning	No	Report	No
Autodispenser	No		

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Dissolution Test Report



Bathless Heating



Continuous temperature Monitoring



Customized Reports



Identifies Position



Infinity Test



Maintenance Free



Snap-Fit Shaft

14 Station Bathless Dissolution Tester **VERITAS-14** with sample collector (DX)





Bathless Heating

- ⦿ Bathless heating saves:
 - Water
 - Electricity
 - Time
- ⦿ Quick heating of media i.e. attains temperatures from 25°C to 37°C within 12 min (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
- ⦿ Records excursions of temperature and RPM
- ⦿ Wireless apparatus enables easy cleaning and maintenance

Motorized Lift Mechanism

- ⦿ Hands-free quiet operation
- ⦿ Dynamic diving depending on media volume and apparatus selected.

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 indication along with sound alert of dissolution instrument status:
 - Idle ■
 - Ready ■
 - Run ■
 - Error ■

Rinsing

- ⦿ **Split-Rinse™** : 57 % reduction in rinse volume purged to waste in multiple cycles to avoid carryover
- ⦿ **Loop-Back™** : Circulates the initial volume through the transfer tubings back to vessel and eliminate waste volume.
- ⦿ **Intense Rinse™** : To draw and purge from vessel to avoid carry over of sample.
- ⦿ **Air Purge™** : Select will empty the tubes back into the vessel.

Dilution with Stirring (Optional)

- ⦿ Simultaneous purging and mixing of the aliquot and diluent for homogeneous sample preparation
- ⦿ Automated dilution of sample is possible using different media or mobile phase, if replenishment media is not to be used as diluent
- ⦿ Variable dilution possible by programming different aliquote volume for every sample interval

Key Features

- 7" TFT touch screen display
- LAN connectivity allows central printing
- Multilevel security with password for 250 users with user programmable role
- Unique Time Action™ function which allows Media changeover and Infinity test run, ideal for sustained and controlled release products.
- Programmable different aliquot volume for each sample Interval allows variable dilution
- Bathless heating (saves water, time, electricity)
- Ethernet connectivity allows central printing of data.
- Specially designed efficient heater jackets for vessel, heats the media quickly attains temperatures from 25°C to 37°C within approximately 12 minutes
- V-stir™ (patented) ensures continuous wireless temperature monitoring without affecting the hydrodynamics in the vessel.
- Easy Snap-Fit™ shaft locking mechanism for positive engagement and wobble free Operation