

Dissolution Tester

Veritas GEN 2



Bathless

Dissolution Tester

VERITAS Gen 2 Series



**21 CFR
Part 11
Compliant**



QbD Quality by Design

- International regulatory compliance (USP, Ph. Eur, JP, IP)
- 7" Capacitive LCD touch screen display
- Storage capacity of 1000 protocols and 50000 test reports , 250 user with multilevel security
- 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 accessory drawer for baskets and paddles (Optional)
- Online continuous monitoring of vibrations using vibro™

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
- Intense-Rinse™ : Purges ~2 mL volume to and fro between the test vessel and the syringe pump for better tube saturation
- Air Purge™ : Empties all tubings post sampling to mimic manual conditions

3 types 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

Bathless Heating

- Bathless heating saves:
 - Water
 - Electricity
 - Time
- Quick heating of media i.e. attains temperatures from 25°C to 37°C within 10-12 mins (for USP Apparatus 2)

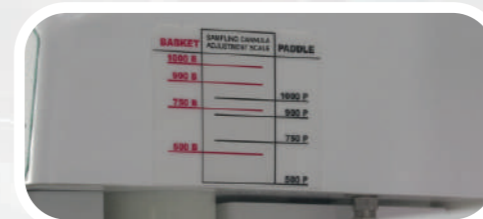
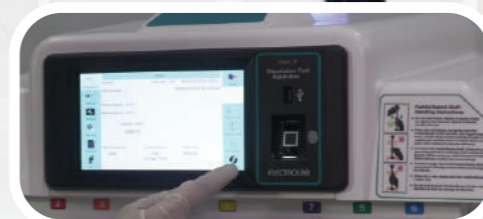
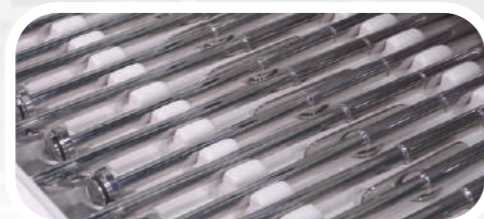


V-Stir™ Technology (Patented)

- 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



D'light™ Technology

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

18% reduction in variability Dilution with Stirring (Optional)

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

Snap-Fit™ Shaft

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

Key Features :

- Data Management (Back Up Of Data For Individual Machine Via FTP)
- Machine To Machine Transfer Data For Product Method And Security Via FTP
- Biometric Log In System
- Disaster Management
- Reports Can Be Save In The PDF Format Via FTP
- Usage history of machine (stirrer,heater, total number of test performed Etc)
- Report sorting according to Review By / Approved By/Based on role access
- View report on Screen
- Time synchronisation based on NTP, Domain
- Electrolab user Active/ Inactive permission set by Client
- Audit modification events Old Data/ New Data on field Software upgradation
- static / DHCP IP Module
- Programable Tolerences for Temperature and RPM
- Electronic Log book



Fingerprint Authentication



Audit Trail



Report



Continuous Temperature Monitoring



Time Saving



Maintenance Free



Identifies Position



Touch Screen



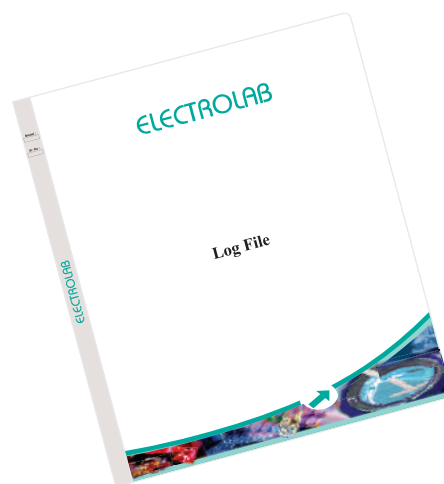
Ethernet Connectivity



Infinity Test

integrOS™			
Feature	Lite	Standard	Pro
Security	✓	✓	✓
E Signature (Review /Approve)	✓	✓	✓
Log Book		✓	✓
Audit Trail			✓
Backup & Restore			✓

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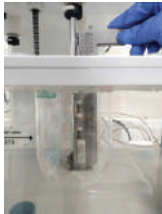








Log File
Includes IQ/OQ, Maintenance Log etc.

ANY Where
Time
Device

Record the dissolution process with **Disso™**

Model	Veritas - 08 Gen 2	Veritas - 14 Gen 2
No of stations	n=8	n=14
Speed range	20 to 300 RPM	
Speed accuracy	±0.5 RPM	
Temperature range	20 to 40°C	
Temperature accuracy	±0.1°C	
Display	7" intuitive LCD touch screen display	
Protocol Storage	1000	
Test report storage	50000	
Sample Interval	1 min to 999hrs, 59min	
No of syringes	Standard : 6 , Optional 8	Standard :12
Interface port	Ethernet, embedded thermal printer, RS 232, RS485, USB	
Vessel Capacity	1 L	
Stirrer drive	High performances BLDC drive (maintenances – free)	

Our Accessories

 <p>Apex Hexa Vessel 1000ml Clear Sigma Delta Certificate With Laser Marking Part No :0104A00858</p>	 <p>Apex Hexa Vessel 1000ml Clear Part No :0104A00862</p>	 <p>Apex Hexa vessel 1000ml Amber With Sigma Delta Certificate Part No :0104A00861</p>	 <p>Apex Hexa Vessel 1000ml Amber Part No :0104A00863</p>	 <p>EDT-14 Bath Top Plate For Hexa Vessel Part No :0104A00781</p>
 <p>EDT-08 Bath Top Plate For Hexa Vessel Part No :0104A00780</p>	 <p>EDT Adjustable Sampling Cannula For Low Evaporation Jar LID (Set of 6) Part No :0104A00047</p>	 <p>Mesh Integrity Microscope Part No :0104A002020</p>	 <p>Depth guage for POD & apex vessel Part No :0104A00784</p>	 <p>EDT I-Disso 6U Part No :0164A00001</p>
 <p>EDT Digital Validation Kit Part No : 0104A00239</p>	 <p>EDT Basket Validation Gauge with Certificate Part No :0104A00154</p>	 <p>PVT Assist Part No :0182S14</p>	 <p>Starlite thermal paper roll Part No :5002A00002</p>	 <p>Secureclip Basket Holder Part No :0104A008180</p>
 <p>Multimedia Dissolution Kit for 8 Station Part No :0104A00606</p>	 <p>ESC 12DX Combination Tray (HPLC 1.5ml XPP/Glass Tubes 20ml) Part No : 0174ASC 015</p>	 <p>Apex Hexa Vessel Amber 1000ml Sigma Delta Certificate With Laser Marking Part No :0104A00859</p>	 <p>Multimedia Dissolution Kit for 14 Station Part No :0104A00607</p>	

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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