

# Dissolution Tester

VERITAS

Manual Syringe  
Sampling



**ELECTROLAB**  
Your Quality, Our Assurance

[www.electrolabgroup.com](http://www.electrolabgroup.com)

Dissolution Testers

8 Station Bathless Dissolution Tester VERITAS-08 with Manual Syringe Sampling

CE



Test Report

|                    |                   |                   |                |
|--------------------|-------------------|-------------------|----------------|
| INSTRUMENT DETAILS |                   | TEST REPORT       |                |
| Instrument ID      | 1200000           | Brand Name        | ELECTROLAB     |
| Serial no.         | 1200000           | Model no.         | VER-081X       |
| IP address         | 192.168.0.145     | Firmware ver.     | V1.1.0         |
| Build No.          | 01.01             | Testing           |                |
| USER DETAILS       |                   | TESTING           |                |
| User Name          | ELAB Admin        | Role              | Testing        |
| Sample Details     | 1204000           | LOF Number        | 1004           |
| A.R. Number        | 1-02565           | Batch Size        | 1204078        |
| PRODUCT DETAILS    |                   | Configuration     |                |
| Product Name       | Aspirin           | Purity            | 100%           |
| Dosage Form        | Tablet            | Purity            | 500 mg         |
| Product Type       | Immediate release | Configuration     | Closed Loop    |
| DISSOLUTION SETUP  |                   | Media Details     |                |
| Apparatus Type     | 60.30             | Media Name        | 0.1 N          |
| Power/Fall Delay   | 01.30             | Drop Syringe      | 50.00 ml       |
| Rotational Speed   | 00.10             | Mark Duration     | 00.00.00       |
| Rotation Delay     | 00.10             | Sample Withdrawal | 00.00.00       |
| Media Details      |                   | Media pH          |                |
| Media Name         | 0.1 N             | Media pH          | 1.000 ml       |
| Media Name 1       | 0.1 N             | Media pH          | 07.0           |
| SAMPLING DETAILS   |                   | SAMPLING BY       |                |
| Sampling Type      | Auto              | Sampling By       | Syringe Pump   |
| Sampling Capacity  | 10 ml             | Rinse Type        | Rinse Lockdown |
| ASIC Sensor        | ON                | Rinse Volume      | 00.0 ml        |
| Sample Volume      | 10.0 ml           | Diluent           | Replenish      |
| Replenish          | Yes               |                   |                |
| Capacitor Position | Immersed          |                   |                |
| POST TEST SETTING  |                   | HEATER            |                |
| Stirrer            | No                | Heater            | No             |
| Cleaning           | No                | Report            | No             |
| Auto/Replenish     | No                |                   |                |

Dissolution Test Report



Bathless Heating



Continuous temperature Monitoring



Customized Reports



Instrument Accessories



Infinity Test



Maintenance Free



Snap-Fit Shaft

14 Station Bathless Dissolution Tester VERITAS-14 with Manual Syringe Sampling

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## 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