

# Dissolution Tester

## INSPIRE Series



**ELECTROLAB**  
Your Quality, Our Assurance

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



### 8 Station Dissolution Tester **INSPIRE-08**

CE



LCD  
40 x 4

Display

ABC123

Alphanumeric



Password



Infinity Test

### 14 Station Dissolution Tester **INSPIRE-14**

CE



Low Vibration



Media Volume  
Setting



Print

# Dissolution Testers



The **INSPIRE-08** and **INSPIRE-14** dissolution apparatus are the most efficient dissolution instruments in the market, specially designed with the end user in mind. They are simple to operate with features that make analyst training and lab integration easy. The **INSPIRE-08** and **INSPIRE-14** are not only ideal for manual testing but can be easily integrated with our automated systems, **ElabDisso™** Dissolution Software.

- ⦿ Complies with current USP, IP, Ph. Eur. and JP specifications
- ⦿ LCD display of 40 characters and 4 lines for user friendly operation
- ⦿ Automatic stirrer height positioning or USP 1, 2, 5, 6 test methods and also allows user specified height.
- ⦿ Programmable Wake Up Facility for temperature to save man hours.
- ⦿ Easy Snap-Fit™ shaft locking mechanism for positive engagement and wobble free Operation
- ⦿ Bath temperature range between 20° to 40°C/20° to 55°C is controlled with an accuracy of ± 0.1C
- ⦿ Isolated water circulating pump or precise temperature control of the water bath.
- ⦿ Easy to empty & clean water bath with bottom drainage.
- ⦿ RPM range between 20 to 300 with an accuracy of ±1 RPM.
- ⦿ 20 programmable protocols and 24 programmable sampling intervals.
- ⦿ Instrument Accessories like paddle, basket & vessels are laser mark with serial numbers.
- ⦿ Reports for online validation of test, monograph and error log during the test
- ⦿ Power failure detection facility
- ⦿ Audio-visual indicators for system status
- ⦿ Individual temperature probe for monitoring temperature of each vessel
- ⦿ Clear water bath with metal top-plate

### Key Features

- ⦿ New larger 40 x 4 LCD display
- ⦿ Multilevel security with password for 250 users
- ⦿ Alphanumeric data entry of products and user details
- ⦿ Unique TimeAction™ function which allows media changeover and infinity test run
- ⦿ Ideal for sustained and controlled release products

ELECTROLAB DISSOLUTION TESTER			
TEST REPORT		Date : 12/09/2015	
Model No. : ETD 08A	Serial No. : ETD1234567	Inst. No. : 1210170	User : Security Disabled
Product Name : A	Batch No. :	Sample Info : 17:30Hrs	Auto Dispenser : YES
A.R. No. :	Set Parameters :	Sample Volume : 10.0 ml	Aliquot Volume : 10.0 ml
Test Method : Paddle45	Jar Temp. : 30.0 C	Bath Temp. : 30.0 C	Rinse Volume : 03.0 ml
Vessel Capa. : 1 Litre	Media Volume : 1000 ml	Media Name : A	Filter Position : Immersed
REMARK : _____	SIGNATURE : _____		

Test Report



### 8 Station Dissolution Tester **INSPIRE-08** Manual Syringe Sampling

CE



Infinity Test



Multi-Level Security



Print Report



Isolated Temperature Controller



Motorized Lift Mechanism



Sample Collector Tray



Multi-stage Filtration

### 14 Station Dissolution Tester **INSPIRE-14** Manual Syringe Sampling

CE



## 14 Station Dissolution Tester **INSPIRE-14** Manual Syringe Sampling



### Key Features

- New larger LCD display of 40 characters and 4 lines for user friendly operation
- Multilevel security with Password
- Alphanumeric data entry of product and user details
- Unique Time Action TM function which allows Media changeover and Infinity test run, ideal for sustained and controlled release products.
- Complies with current USP, IP, Ph. Eur. and JP specifications
- Automatic stirrer height positioning for USP 1, 2, 5, 6 test methods and also allows user specified height.
- Easy Snap-Fit TM shaft locking mechanism for positive engagement and wobble free Operation
- Printing through RS 232
- Programmable Wake Up Facility for temperature to save man hours.
- Isolated water circulating pump for precise temperature control of the water bath.
- Easy to empty & clean water bath with bottom drainage.
- Vibration free smooth motorized lift movement
- RPM range between 20 to 300 with an accuracy of  $\pm 1$  RPM.
- 20 programmable protocols and 24 programmable sampling intervals.
- Instrument Accessories like paddle, basket & vessels are laser mark with serial numbers.
- Reports for online validation of test, monograph and error log during the test
- Power failure detection facility
- Programmable wake-up for temperature control
- Audio-visual indicators for system status
- Individual temperature probe for monitoring temperature of each vessel
- Clear water bath with metal top-plate
- Precise individual vessel centering system
- Adjustable leveling of instrument
- Power failure detection facility



### 8 Station Dissolution Tester **INSPIRE-08** Syringe Pump and Sample Collector (Dc)

CE



Multi-Level Security



Print Report



Isolated Temperature Controller



Motorized Lift Mechanism



Sample Collector Tray



Multi-stage Filtration

### 14 Station Dissolution Tester **INSPIRE-14** Syringe Pump and Sample Collector (Dc)

CE



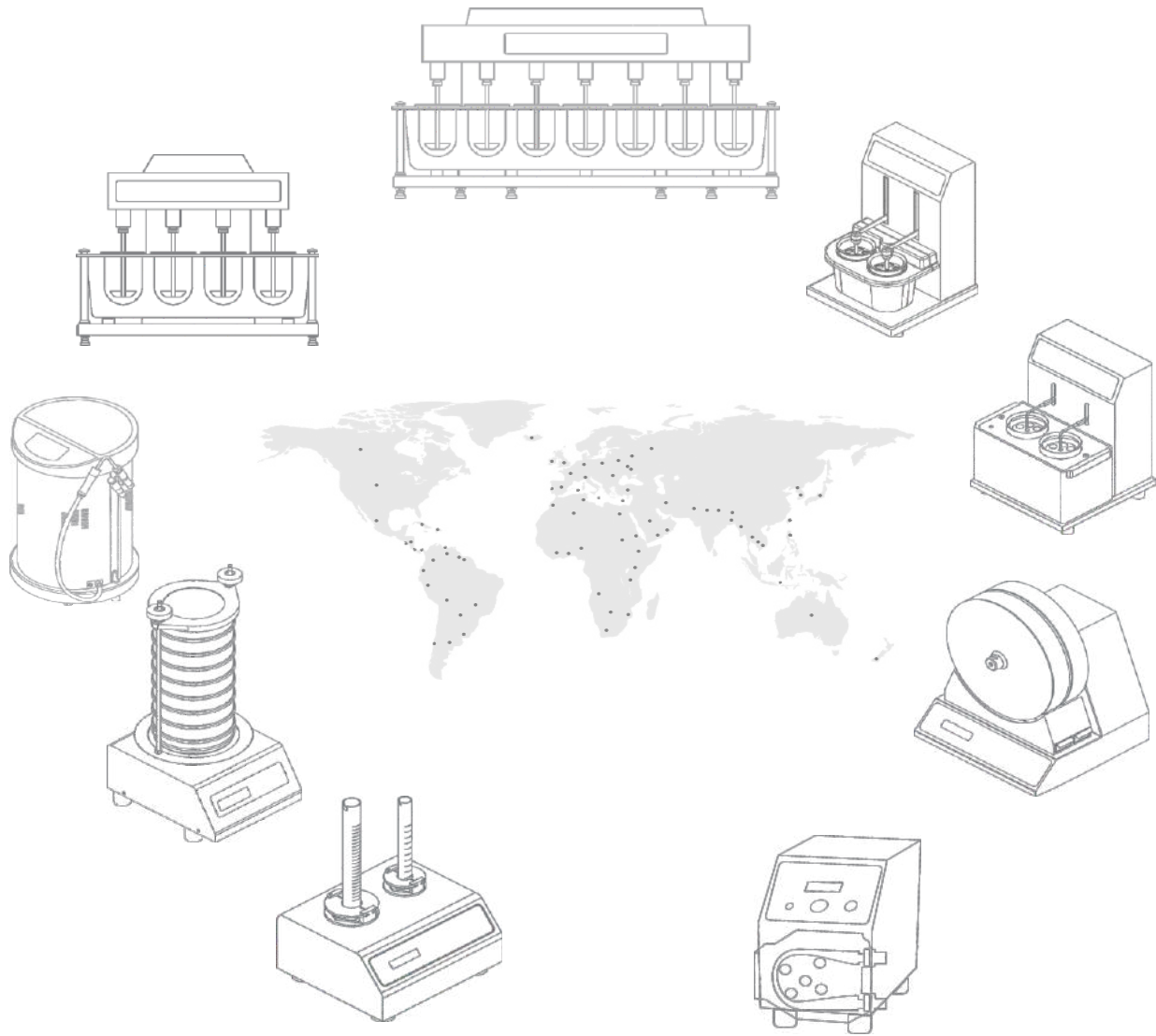
## Dissolution Testers



The **INSPIRE-08** and **INSPIRE-14** dissolution apparatus are the most efficient dissolution instruments in the market, specially designed with the end user in mind. They are simple to operate with features that make analyst training and lab integration easy. The **INSPIRE-08** and **INSPIRE-14** are not only ideal for manual testing but can be easily integrated with our automated systems, **ElabDisso™** Dissolution Software.

- ⦿ Complies with current USP, IP, Ph. Eur. and JP specifications
- ⦿ LCD display of 40 characters and 4 lines for user friendly operation
- ⦿ Automatic stirrer height positioning for USP 1, 2, 5, 6 test methods and also allows user specified height.
- ⦿ Programmable Wake Up Facility for temperature to save man hours.
- ⦿ Easy Snap-Fit™ shaft locking mechanism for positive engagement and wobble free Operation
- ⦿ Bath temperature range between 20° to 40°C/20° to 55°C is controlled with an accuracy of ± 0.1°C
- ⦿ Isolated water circulating pump or precise temperature control of the water bath.
- ⦿ Easy to empty & clean water bath with bottom drainage.
- ⦿ RPM range between 20 to 300 with an accuracy of ±1 RPM.
- ⦿ 20 programmable protocols and 24 programmable sampling intervals.
- ⦿ Instrument Accessories like paddle, basket & vessels are laser mark with serial numbers.
- ⦿ Reports for online validation of test, monograph and error log during the test
- ⦿ Power failure detection facility
- ⦿ Audio-visual indicators for system status
- ⦿ Individual temperature probe for monitoring temperature of each vessel
- ⦿ Multilevel security with password
- ⦿ Alphanumeric data entry of product and user details
- ⦿ Clear water bath with metal 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
- ⦿ 20 programmable protocols
- ⦿ 16 programmable sampling intervals
- ⦿ Easy to empty and clean water bath with bottom drainage
- ⦿ Designed to minimize routine validation
- ⦿ Report for online validation of test, monograph, error log during the test
- ⦿ Programmable wake-up for temperature control
- ⦿ Programmable sample volume from 1 ml to 20 ml
- ⦿ Audio-visual indicators for system status





## 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  
November, 2019

**ELECTROLAB (India) PVT. LTD.** (CIN NO : U33110MH2002PTC136735)

**Head Office:** 401, Tirupati Udyog, I. B. Patel Road, Off. Western Express Highway, Goregaon (East), Mumbai - 400 063, India.

+91 - 22 - 4041 3131 ✉ sales@electrolabgroup.com

**Factory:** EL 23/24, T. T. C., Electronic Zone, M. I. D. C, Mahape, Navi Mumbai - 400 710, India.

+91 - 22 - 4161 3122 🌐 www.electrolabgroup.com

