

Dissolution Tester

INSPIRE Series



ELECTROLAB
Your Quality, Our Assurance

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				
Model No.	: ETD 08Lx	Date	: 12/08/2015	
Serial No.	: ETD1234567	Start Time	: 17:30Hrs	
Inst. No.	: 12310170	Instrument ID	: ELECTROLAB	
User	: Security Disabled			
Product Name	: A	Sample Info	: 17:30Hrs	
Batch No.	:	Auto Dispenser	: YES	
A.R. No.	:	Sample Volume	: 10.0 ml	
Set Parameters :		Aliquot Volume	: 10.0 ml	
		Rinse Volume	: 05.0 ml	
		Replenish	: YES	
Test Method	: Paddle45	Fiber Position	: Immersed	
Jar Temp.	: 30.0 C			
Bath Temp.	: 30.0 C			
Vessel Capa.	: 1 Litre			
Media Volume	: 1000 ml			
Media Name	: A			
Real Time	SAM	Elapsed	Actual	Set
	PLC	Time	Time	Time
17:30:00	00	00:00:00	00:00:00	00:00:00
17:30:01	01	00:00:01	00:00:01	00:00:01
17:30:02	02	00:00:02	00:00:02	00:00:02
17:30:03	03	00:00:03	00:00:03	00:00:03
17:30:04	04	00:00:04	00:00:04	00:00:04
17:30:05	05	00:00:05	00:00:05	00:00:05
17:30:06	06	00:00:06	00:00:06	00:00:06
17:30:07	07	00:00:07	00:00:07	00:00:07
17:30:08	08	00:00:08	00:00:08	00:00:08
17:30:09	09	00:00:09	00:00:09	00:00:09
17:30:10	10	00:00:10	00:00:10	00:00:10
17:30:11	11	00:00:11	00:00:11	00:00:11
17:30:12	12	00:00:12	00:00:12	00:00:12
17:30:13	13	00:00:13	00:00:13	00:00:13
17:30:14	14	00:00:14	00:00:14	00:00:14
17:30:15	15	00:00:15	00:00:15	00:00:15
17:30:16	16	00:00:16	00:00:16	00:00:16
END OF TEST				
REMARK : _____				
SIGNATURE : _____				

Test Report



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

CE



Infinity Test



Multi-Level Security



Print Report



Isolated Temperature Controller

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

CE



Motorized Lift Mechanism



Sample Collector Tray



Multi-stage Filtration

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 ± 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

Dissolution Testers



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

CE



Multi-Level Security



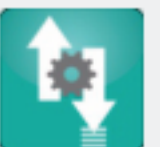
Print Report



Isolated Temperature Controller

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

CE



Motorized Lift Mechanism



Sample Collector Tray



Multi-stage Filtration

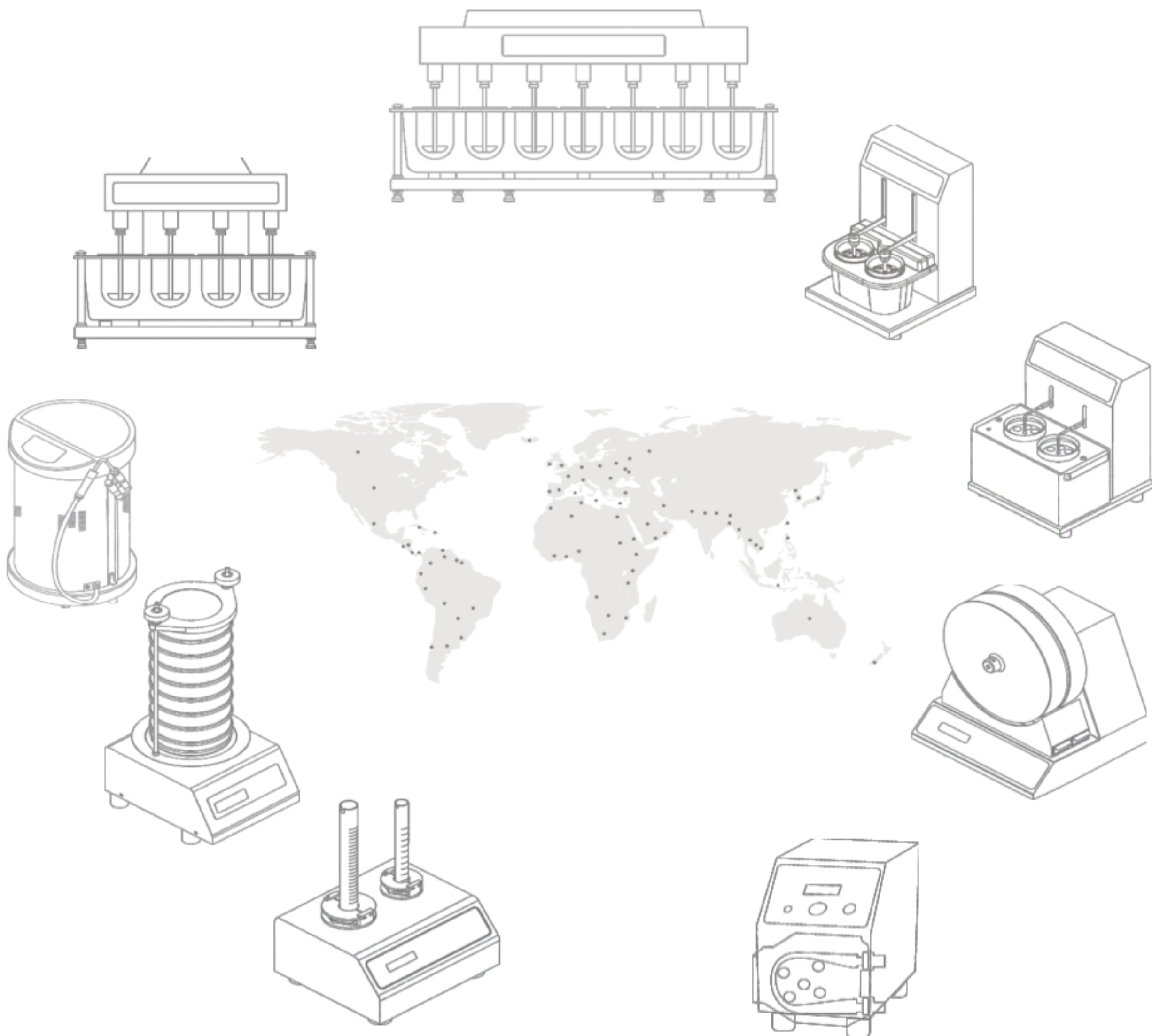
Dissolution Testers



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 ± 0.1C
- 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
- 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

