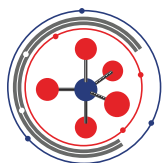


## DISSOLUTION TESTER

8 Station Dissolution Tester **AP-IN8**



14 Station Dissolution Tester **AP-IN14**



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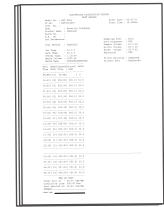
**MULTI-LEVEL SECURITY**



**INFINITY TEST**



**REPORT**



Dissolution Test Reports

**14  
Station**

**BENEFITS**

- Efficient tool for biowaiver, ANDA and SUPAC- MR where n=12
- Consistent results with one dissolution water bath rather than variations possible with two separate dissolution water baths
- Incubation of replenishment media under same conditions to the dissolution media

**60+%  
Savings**

**COMPARED TO TWO 8 STATION DISSOLUTION SYSTEMS, ONE 14 STATION DISSOLUTION SYSTEM SAVES:**

- 67% bench space
- 64% electricity
- 63% water



**MOTORIZED LIFT MECHANISM**

Hands-free quiet operation  
Automatic stirrer height positioning for USP 1, 2, 5, 6 and intrinsic test methods



**AUTO DROP SYNC (Optional)**

- Simultaneous dropping of dosage in non-rotating media
- User defined test start (immediate or delayed) immediately after media temperature is attained
- Extra wide aperture to accommodate dosage and sinkers up to 24 mm



**SNAP-FIT SHAFT**

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



**MULTI-STAGE FILTRATION**

- Inbuilt filters facilitates 2 or 3 stage filtration ranging from 10  $\mu$  - 15  $\mu$ , 0.45  $\mu$  to 0.22  $\mu$
- Close proximity of filter manifold reduces variability caused by automation



**ISOLATED TEMPERATURE CONTROLLER**

Isolated temperature controller for vibration-free and precise temperature control



**QUALITY BY DESIGN**

- International regulatory compliance (USP, Ph. Eur, JP, IP)
- Easy access to all physical parameters for cleaning and mechanical qualification
- Designed to minimize routine validation
- All sample contact parts are made of inert materials
- Versatility allows adaptation to USP 1, 2, 5, 6 intrinsic and special height (45 mm) apparatus
- Transparent and amber colored vessels-capacity ranging from 100 ml to 4 L
- Sampling manifold dives the individual cannulas and vessel temperature probes to the appropriate sampling zone based on the method
- Wake up and sleep mode for the temperature controller saves time and conserves energy
- High performance ZDV (Zero-Dead-Volume) syringe pump for precise and accurate sampling



**RINSING**

Split-Rinse: Programmable rinse volume purged to waste in multiple cycles to avoid carryover



**SAMPLE COLLECTOR TRAY**

Sample Collector Tray (ESC-12Dc)
Plastic tubes
- 20 ml (16 x 12)



# DISSOLUTION TESTER

8 Station Dissolution Tester **AP-IN8**

14 Station Dissolution Tester **AP-IN14**

## TECHNICAL DATA

MODEL	AP-IN8	AP-IN14
No. of stations	n = 8	n = 14
Speed range	20 RPM to 300 RPM	
Speed accuracy	± 1 RPM	
Temperature range	20 °C to 40 °C	
Temperature accuracy (at 37 °C)	± 0.1 °C	
Display	40 x 4 character LCD	
No. of protocols	20	
No. of samples	24	
Sample interval	1 min to 999 hrs. 59 min	
No. of syringes	Standard: 6	Standard: 12
Interface port	RS 485	
Stirrer drive	High performance BLDC (maintenance-free)	
Vessel capacity	100 ml, 250 ml, 1 L, 2 L, 4 L	100 ml, 250 ml, 1 L, 2 L
Water bath	One piece molded clear or amber	
Bath capacity	28 L	40 L
Temperature controller	Heater: 1kW, SS 316 with thermal protection / Sensor: RTD	
Electrical power	110 VAC, 50/60 Hz / 220/230 VAC, 50/60 Hz	
Dimensions (W x H x D):	124 x 65 x 71cm / 49" x 26" x 28"	167 x 65 x 71cm / 66" x 26" x 28"
Offline Automation System:	170 x 65 x 71cm / 67" x 26" x 28"	230 x 65 x 71cm / 91" x 26" x 28"
Weight:	84kg / 185lb	126kg / 278lb
Offline Automation System	141kg / 311lb	212kg / 467lb

### 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