

# DISSO-LEAD

Validated by LOGAN INSTRUMENTS USA GROUP

## DST-3/6 Disintegration Tester (Up to 6 stations)



### *Features:*

- Microprocessor controlled time and temperature
- Audible end of run signal
- Modular design for 1 to 6 simultaneous tests
- Single in-line layout for ease of viewing all basket assemblies
- Meets or exceeds all USP requirements and specifications
- Rugged construction for years of dependable performance
- Dual Water Tank Design for space saving

The DST-3/6 automated disintegration tester is the latest device specifically designed for USP required testing of the disintegration time threshold for solid dosage medication. The design uses a programmable microprocessor to control and monitor the testing process. The single in-line layout allows all baskets to easily be viewed throughout each run. Each water tanks holes 3 breaker, 2 water tanks design able to performance total of 6 basket test.

With its advanced features it is simple to set up and operate. The operator inputs the length of the run, loads the tablets, and presses the Start button. A series of beeps is emitted as an alert one minute before the test ends. At the conclusion of the run, the basket assemblies are automatically lifted out of the beakers and left in a fully raised position for ease of viewing.

Basket and media height adjustment is simple using the provided kit. The DST-3/6 main lift unit is made of high quality metal with an acid resistant finish. All operation parameters meet or exceed USP specifications.

Shanghai Logan Instruments Co., Ltd

Logan Instruments (ZhenJiang) Co., Ltd (Factory)

#3209 Room, No 36, NanWei 4 Rd, New District, ZhenJiang City, JiangSu Province, China Tel:0511-85576765 ; Fax:0511-85576758

Logan Instruments Corp. USA (Head Quarter) [www.loganinstruments.com](http://www.loganinstruments.com)

19C School House Rd. Somerset, NJ 08873 USA • Tel: (732) 302-9888 • Fax: (732) 302-9898 • E-mail: [info@loganinstruments.com](mailto:info@loganinstruments.com)

# Specification:

Number of basket assemblies.....: Tank A: 1, 2, 3 TankB: 4, 5, 6

Length of stroke.....: 55±2mm

Frequency.....: 31±1 strokes/min

Temperature control.....: 30 to 50°C ±0.5 °C

Bath construction.....: Fabricated clear acrylic

Power consumption.....: < 900 watts

Voltage.....: 110-120VAC 60Hz  
220-240VAC50Hz 220-240VAC 60Hz

Current consumption: .....: For 120VAC/60Hz units: 10A  
For 220VAC/50Hz units: 5A

Screen to beaker( Down ) .....: 25±2mm

Liquid to screen( Up ) .....: 25±2mm

Weight.....: 35lbs.

Size.....: 16" x 20" x 22"( L x W x H )

Operating Environment .....: Temperature: 4~35°C  
Relative Humidity:< 85%

Tester Noise Level .....: < 60 dB

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