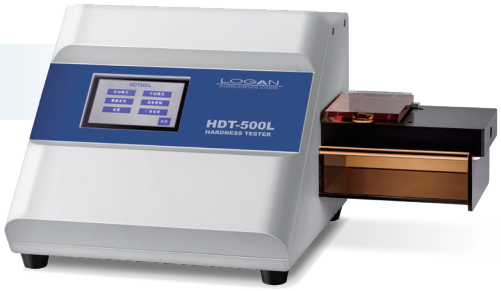
LOGAN INSTRUMENTS CORP.

HDT-500L

Hardness Tester



Specification

- Hardness range: 5-500 N
- Hardness accuracy: ± 1%
- Diameter range: 2-35 mm ± 0.03 mm
- Thickness range: 2-13 mm ± 0.03 mm
- Measurement unit: Newtons (N) or Kiloponds (Kp)or Strocobbs (Sc)
- Time per test: 45 seconds max
- Multi-language support
- Calibration weight: 5 kg, 10 kg, 15 kg, 20 kg
- Dimensions: 50 cm x 36 cm x 27 cm (W x D x H)
- Power: 110 V AC, 50/60 Hz 220 V AC, 50/60 Hz
- Weight: 12 kg
- USP, EP compliant

Features

- Measures length, width, thickness, and hardness
- Color touchscreen display
- Removable waste tray
- Cleaning toolkit
- USB export for soft copy reports
- Built-in printer
- Audit trail

FAB-2SP

Friability Tester with Printer

Specification

- Speed: 20-70 rpm ±1 rpm
- Maximum testing time: 10 hours
- Maximum count of revolutions: 100,000
- Tester dimension: 50 cm x 36 cm x 36 cm (W x D x H)
- External printer dimension: 13 cm x 23 cm x 10 cm (W x D x H)
- Power: 110 V AC, 50/60 Hz 220 V AC, 50/60 Hz
- Weight: 18.2 kg
- USP, EP compliant

Features

- Supports both friability and abrasion drums
- Includes external printer
- Operates with one or two drums
- Programmable test length or number of rotations
- LED display with rugged keypad
- Removable drum covers for convenient sample handling and cleaning

TAP-2SP

Tap Density Tester with Printer

Specification

- Tap speed:
  - USP I - 300 taps/min ± 5 taps/min
  - USP II - 250 taps/min ± 5 taps/min
- Tap height:
  - USP I – 14 mm ± 2 mm
  - USP II – 3 mm ± 0.2 mm
- Cylinder volume:
  - 100 mL – minimum scale 1 mL
  - 250 mL – minimum scale 2 mL
- Maximum test duration: 9 hours 59 minutes 59 seconds
- Preset counts: 500, 750, 1250, 1500, 1750, 2000
- Tester dimension: 30 cm x 41 cm x 69 cm (W x D x H)
- External printer dimension: 13 cm x 23 cm x 10 cm (W x D x H)
- Power: 110 V AC, 50/60 Hz 220 V AC, 50/60 Hz
- Weight: 15.6 kg
- USP, BP, EP compliant

Features

- Designed for precise powder and granule tap density testing
- Supports USP Method I (300 taps/min) and USP Method II (250 taps/min) with interchangeable 100 mL and 250 mL glass cylinders
- Simultaneous rotational tapping ensures uniform packing for accurate measurements
- Easy input of test time or tapping count via a keypad, with real-time LED display
- Patented hold-down cuff
- Driven by a silent step motor, with built-in printer for test data documentation
- Connected with printer

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DST-3/6

Tablet Disintegration Tester

Specification

- Number of basket assemblies: Tank A 1,2,3 (standard) / Tank B 4,5,6 (optional)
- Frequency: 31 ± 1 stroke/min
- Length of stroke: 55 ± 2 mm
- Screen to beaker depth (down): 15 or 25 mm ± 2 mm
- Liquid to screen depth (up): 15 or 25 mm ± 2 mm
- Basket
  - USP Method I - 6 tubes with plastic disk (standard)
  - USP Method II - 3 tubes with basket (optional)
- Temperature: ambient to 50 °C ± 0.5 °C
- Dimension: 82 cm x 44 cm x 48 cm (W x D x H)
- Power: 110 V AC, 50/60 Hz 220 V AC, 50/60 Hz
- Weight: 19.2 kg
- USP, EP compliant

Features

- Three baskets per waterbath, up to two waterbaths
- Advanced programmable microprocessor ensures precise control and real-time monitoring of the testing process
- Friendly user interface with end of run alarm
- Support for USP Method I (6-tube basket) and USP Method II (3-tube baskets)

DST-3C

Tablet Disintegration Tester

Specification

- Frequency: adjustable in 30-90 strokes/min
- Screen to beaker depth (down): 25 mm ± 2 mm
- Liquid to screen depth (up): 25 mm ± 2 mm
- Up-down frequency: 10-60 rpm ± 1 rpm
- Basket: 6-tube basket (optional 3-tube basket)
- Temperature: ambient to 35 °C ± 0.5 °C
- Tester dimension: 105 cm x 45 cm x 66 cm (W x D x H)
- Power: 110 V AC, 50/60 Hz 220 V AC, 50/60 Hz
- Weight: 34.6 kg
- 21 CFR Part 11 tools, USP, EP compliant

Features

- Color touch screen with user-friendly program
- Up to three independently controlled basket assemblies with adjustable speed
- Automatic basket lift at end of test
- Each station independently controlled
- Optional high-resolution camera/DVR system monitors and records the disintegration process
- Built-in printer