

Logan HDT-300



Features:

- Thickness, Hardness and Diameter measurements from one test
- Printout of calibration data via external printer
- Possible to interface to an external balance via optional PC and software package
- Manual or Automatic testing
- Electronic load cell design
- Automatic statistical calculations for:
 - mean value
 - absolute and relative standard deviation
 - minimum and maximum results.

HDT-300 Automated Hardness, Thickness, Diameter Tester

The Logan HDT-300 Hardness Tester is the latest device specifically designed for hardness, as well as thickness and diameter testing of tablets, caplets and cores. The design uses a programmable microprocessor to control the test system, and provides all test results and statistical calculations on a digital LCD display. A parallel port is supplied standard for optional printing.

With its advanced features the HDT-300 is easy to operate. The user lifts the top cover and loads the sample onto the tray. The test may then proceed in Automatic (for up to 99 samples) or Manual mode. A removable plastic tray is attached under the measurement compartment and a small hand held brush is provided to neatly retrieve sample fragments. The instrument calibration is simple to perform on any flat surface with standard tools.

The operation and design of HDT-300 Hardness Tester are in full compliance with USP, EP, CP and JP. The load cell in this system offers 10 times more accurate results than required by USP. The HDT-300 is made of high quality metal which meets in full the actual GLP requirements.

SPECIFICATIONS

Hardness Range	5 - 200 N
Hardness accuracy	± 1%
Diameter / Thickness range	2.0 - 35.0 mm
Diameter accuracy	± 0.03 mm
Measurement units	Newtons (N) / Kiloponds (Kp) / Strocobbs (Sc)
Diameter	Millimeters (mm) / Inches
Time per test	45 sec.
Test method	Manual / Automatic
Test data	Diameter / Thickness / Hardness
Test statistics	High, Low, Mean Values, RSD
Display	LCD
Printer output	Parallel Port
Voltage	110/220 V, 50/60 Hz

Catalog No. HDT-300

System supplied complete with:

- Main Driver / Unit
- Load-Cell Assembly
- Hand Held Brush
- External Printer

Optional Accessories:

- Calibration Weight
- Calibration Bar

Warranty: 1-year on complete system.



For further information, please contact your local distributors:

In USA:



Rose Scientific, Inc.
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