

Mini-Integrated Hardness Tester

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Technical Specifications:

- **Dimensions:** 6.10" x 2.36" x 1.49" (155 X 60 X 38mm)
- **Impact Device:** D/DL
- **Impact Energy:** 8 Ft-Lbs (11nm)
- **Test Tip:** Tungsten Carbide
- **Measuring Accuracy:** +/- 0.8% (Corresponding To +/- 1 Hrc At Hrc=58)
- **Max. Hardness Of Sample:** 980hv
- **Shipping Weight:** 11 lbs.
- **Impact Direction:** Any Angle
- **Operating Temperature:** 32 To 122 Degrees F (0 To 50 Degrees C.)
- **Min. Weight Of Sample:** 11 lbs / 5kg
- **Min. Radius Of Curved Surface:** 1.2in (30mm) (With Support Rings: 11mm)
- **Power Supply:** 3.6V Lithium Rechargeable Battery



Optional Accessories Pg. 17

12 Piece Ring Set for Tough Radii
PHT1500-300



Double-Sided Test Block
PHT1300-05



NIST Certified Test Block
PHT130001-CERT



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PHT-3300

PHT-3340 W/ DL IMPACT DEVICE

The PHASE II hardness tester, Model No. PHT-3300 is an advanced integrated hardness tester distinguished by its very compact size, high accuracy, wide measuring range and simplicity of operation. It is suitable for testing the hardness of all metals and widely applied in many areas of industry.

The PHT-3300 as with all Leeb hardness testers, is designed to test very large hard parts. Steel should be close to 1" thick of solid material. Softer metals need even more mass.

The PHT-3300 hardness tester combines the universal impact device D and a data processor in a single unit. It automatically computes all Vickers, Brinell, Rockwell and Shore hardness values. USB output enables this new model to print any of it's memory from up to 500 groups. The impact direction can be set so that the accurate values can be achieved at any angle, even upside down! Statistical mean value is automatically provided.

The measuring method of the PHT-3300 is defined as "the quotient of the impact body's rebound velocity over its impact velocity". Optional accessories include various support rings to meet the requirements of specialized convex or concave applications. MEETS ASTM A956-12 SPECIFICATIONS.