

Portable Hardness Tester ETIPD

Application: For the majority of your hardness testing assignments.

MAIN FEATURES:

- Self contained (Impact Device D integrated): no cables.
- Integrated impact direction sensor.
- Highly accurate ($\pm 4HL$) in any impact direction (360°) – automatically.
- Integrated display of results for all common hardness scales.
- Large, high contrast LCD for optimum viewing in all conditions.
- Easy calibration.
- Full USB communication with PC, software included free of charge.
- Internal storage of data with day and time.
- Battery: Rechargeable Li ion, charges through device USB port.
- Intelligent sleep mode.
- Standards and Guidelines applied: DIN 50156 (2007), DGZfP Guideline MC 1 (2008), VDI / VDE Guideline 2616 Paper 1 (2002), ISO 18625 (2003), ASTM A956 (2006), GB/T 17394 (1998), JB/T 9378 (2001), JJG 747 (1999), CNAL T0299 (2008), JIS B7731 (2000).
- Printer: Wireless (Bluetooth) mini printer.
- Operating environment: Temperature: $-10\sim+60^\circ\text{C}$; Humidity: 20%~85%.
- Storage environment: Temperature: $-30\sim+80^\circ\text{C}$; Humidity: 5%~95%.
- Dimensions: 147 x 35 x 22 mm.
- Weight: 100 g.



MEASURING RANGE / MATERIALS

Material	HLD	HRB	HRC	HB	HV	HSD
Steel and cast steel	300-900	38-100	20-68	81-654	81-955	32-100
Cold work tool steel	300-840	-	20-67	-	80-898	-
Stainless steel	300-800	46-101	-	85-655	85-802	-
Grey cast iron	360-650	-	-	93-334	-	-
Nodular cast iron	400-660	-	-	131-387	-	-
Cast aluminum alloys	170-570	23-84	-	19-164	-	-
Brass	200-550	13-95	-	40-173	-	-
Bronze	300-700	-	-	60-290	-	-
Copper	200-690	-	-	45-315	-	-

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