ETIPx series Portable Hardness Tester

FEATURES:

- Self contained (Impact Device integrated): no cables.
- Integrated impact direction sensor.
- Highly accurate (±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 mini-printer.

Application

MODEL		ETIPD	ETIPDC	ETIPC	ETIPDL	ETIPD+15
Application		The majority of your hardness testing assignments.	Very confined spaces, e.g. holes, cylinders or for internal measurements.	Surface hardened components, coatings, thin walled or impact sensitive components.	For extremely confined spaces or at the base of grooves.	Measurements in grooves and on recessed surfaces.
Test Range	HLD	170～900				
	HLDC		170～900			
	HLC			350～960		
	HLDL				560～950	
	HLD+15					481～850
	HRC	20～68		20.0～69.5	20.6～68.2	19.3～67.9
	HRB	13～101		38.4～99.5	37.0～99.9	
	HB	19～655		80～683	81～646	80～638
	HV	80～955		80～996	80～950	180～818
	HSD	32～100		31.9～102	30.6～96.8	33.3～99.3

Polygon Instrument Limited
www.hardtester.net

Specifications

MODEL	ETIPD	ETIPDC	ETIPC	ETIPDL	ETIPD+15
Accuracy	±4HL				
Testing Direction	All direction (Automatic identification)				
Communication	USB with PC				
Power	Li-Ion Battery, Rechargeable				
Operating environment	Temperature: -10~+60℃; Humidity: 20%~85%				
Storage environment	Temperature: -30~+80℃; Humidity: 5%~95%.				
Dimensions (mm)	147 x 35 x 22.	86 x 35 x 22	141 x 35 x 22	202 x 35 x 22	162 x 35 x 22
Weight	100 g	75 g	100 g	125g.	125g
Standards & Guidelines	DIN 50156, DGZfP Guideline MC 1, VDI / VDE Guideline 2616, ISO 18625, ASTM A956, GB/T 17394, JB/T 9378, JJG 747, CNAL T0299, JIS B7731.				

Polygon Instrument Limited
www.hardtester.net