

## TH-130 Plus+ Portable Hardness Tester

The **YAMAYO BLISS TH-130 Plus+** can be used for the majority of your hardness testing assignments.

### Main Features

- Self contained (Impact Device D integrated); no cables.
- Integrated impact direction sensor.
- Highly accurate ( $\pm 4\text{HL}$ ) in any impact direction ( $360^\circ$ ) – automatically.
- Integrated display of results for all common hardness scales.
- 128\*64 dot matrix 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, data capacity: 560.
- Battery: 3 AAA Rechargeable Ni-MH (3.6V / 800mAh).
- 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).
- Standard Accessories: Test Block; Charger; 3 AAA Ni-MH Battery; Cleaning Brush; PC Communication Software.
- Optional: Wireless mini printer; Support rings set.
- CE Certificate.
- 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: 148 x 63 x 24,5 mm.
- Weight: 300g.



### 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	-	-