

Portable Hardness Tester - HT-1800

State of the art, digital portable hardness tester is designed to test the hardness of large hard metal parts. Clean crisp display shows the incredible functions that can only be found on this new portable hardness tester such as auto-probe detection, auto direction detector, single and multi-point calibration make the HT-1800 the most versatile portable hardness tester in the industry.

The HT-1800 portable hardness tester can perform tests that easily convert to the most popular hardness scales, including Rockwell, Brinell, Vickers, Shore, etc.

Functions:

- Easy to use keypad operation
- Auto identification of Impact Device
- Large LCD display with back light
- Automatic conversions to: Brinell, Rockwell B & C, Vicker and Shore
- Automatic mean value
- Battery Indicator
- Memory capacity (100 groups)
- Standard Test Method for Hardness Testing: ASTM A956

Specifications:

Measuring range:

HLD (200-960)

HRC(19.8-68.5)

HRB(13.5-100)

HB(30-651)

HV(80-976)

HS(26.4-99.5)

σ_b (375-2639)

Accuracy: $\leq 6\text{HLD}$ (HLD=800)

Repeatability: $\leq 6\text{HLD}$ (HLD=800)

Resolution: 1HL, 1HV, 1HB, 0.1HRB, 0.1HRC, 0.1HS

Materials: steel & cast steel, alloy tool steel, stainless steel, grey cast iron, spheroidal iron, cast aluminum, brass, bronze, wrought copper alloy.

Impact devices: D (optional impact devices: C/G/DC/DL)

Memory capacity: 100 groups

Battery type: 4 * 1.5V, AAA alkaline

Operating temperature: -10 to 50 degrees C

Dimensions: 90*176*43mm

Shipping weight: 4.5KG

Standard Accessories:

- Base instrument
- Impact device D
- Calibrated test block
- Custom carry case
- Cleaning brush
- Operation manual

Optional accessories:

- Impact devices; C, G, DC, DL

