

HANDHELD HARDNESS TESTERS

HT-1000C
HT-2000C

FEATURES

- HIGHLY ACCURATE
- EXTREMELY SMALL
- EASY TO USE
- WIDE MEASURING RANGE
- DIRECTLY MEASURES IN HL, HV, HB, HRC OR HS
HARDNESS SCALES
- WIRELESSLY TRANSFER DATA



G & R TECHNOLOGY INC.

APPLICATION

The HT-1000C and HT-2000C are special portable hardness testers in the HT series that make small measuring indentations - perfect for testing surface hardened components or impact sensitive components.

These versatile testers can be easily used by anyone, anywhere, to obtain direct and accurate hardness readings. Their small size and easy-to-use, one-handed operation allow them to test large and heavy forgings or castings, such as steel mill rolls and turbine housings. They require only a small surface area to obtain a quick and accurate reading, so they can even test individual parts of a large assembly without taking the finished assembly apart.

OPERATION

Using the HT-1000C/HT-2000C is very easy. To obtain a reading, simply load the tester, place it on the material, and push the button. The tester returns the results almost instantly.

Setting up the tester is also very easy. It uses only four function keys to select up to 5 hardness scales, 3 testing directions, and 2 types of materials.

For users who require a print-out of their readings, the HT-2000C includes a wireless infrared printer. Using it is simple - just aim the tester's IrDA transmitter at the printer's receiver to transmit the test results. It can even transmit to Palm PDAs.



G & R Technology Inc.
1846 Red Robin Place
Thousand Oaks, CA 91320 USA
Tel: (805) 375-1671
Fax: (805) 375-1672
website: www.grhardnesstester.com
e-mail: sales@grhardnesstester.com

SPECIFICATION

Testing Range:

350-960 HL (Leeb Value)

Converted hardness Scales:

HV, HB, HRC, HS

Accuracy and Variation:

+/- 4HL

Testing Direction:

Vertically Down, 45° Down, Horizontal

Materials:

Low carbon steel, high alloy steel

Operating Temperature:

Operating 14°F to 104°F (-10°C to +40°C)

Storage -4°F to 122°F (-20°C to +50°C)

Batteries:

Tester: Two 3V Lithium CR-2330 Batteries

Printer: Rechargeable Li-Ion Battery

Battery Life:

Tester Work Life: 80 hours continuous (5,000 test results)

Shelf Life: 2 Years

Printer:

10,000 lines/one full charge

Data Storage:

Automatically records up to 500 test results including readings, conversions, average values, hardness scale, material, direction, date and time.

Time and Date:

Real time and date with a 10 year calendar.

Tester Dimensions:

6.1" (155 mm) x 1.1" (28mm) x 1.1" (28mm)

Contact Dia.:

0.79" (20 mm) and 0.53" (13.5 mm)

Weight:

4.2 oz (120 grams)



1. Load



2. Place it on the material to be tested and push the button.



3. Read hardness.