

# PORTABLE HARDNESS TESTER HARTIP 1500/1000

## Standard package

### HARTIP 1500

|                          |   |
|--------------------------|---|
| HARTIP 1500 main unit    | 1 |
| Built in impact device D | 1 |
| Test block D             | 1 |
| Cleaning brush           | 1 |
| Operation manual         | 1 |
| Test Certificate         | 1 |
| Carrying case            | 1 |

### Optional accessories

|   |
|---|
| Special support rings                   |
| Standard big support ring for probe D   |
| Standard small support ring for probe D |
| Impact body D                           |
| Test block D with certificate           |
| Test block D without certificate        |
| Leather pouch                           |

## Standard package

### HARTIP 1000

|                          |   |
|--------------------------|---|
| HARTIP 1000 main unit    | 1 |
| Built in impact device D | 1 |
| Leather pouch            | 1 |
| Operation manual         | 1 |
| Test Certificate         | 1 |

**H**ARTIP 1500/1000 is an integrated handheld metal hardness tester that combines impact device (probe) and processor into one unit. The size is much shorter than normal impact device, which lets HARTIP 1500/1000 can meet not only normal measurements, but can take measurements at narrowed space as well. HARTIP 1500/1000 is suitable for testing hardness of almost all Ferrous and Nonferrous materials. With our new technology, its accuracy is improved to a higher level than normal type. HARTIP 1500/1000 is one of the most economic hardness testers. ●



## KEY FEATURES

- ✦ Rugged and modular design
- ✦ High accuracy
- ✦ Palm size for narrow space
- ✦ Built-in impact device
- ✦ For all metallic materials
- ✦ Wide measuring range: Rockwell B&C, Brinell, Vickers, Shore and HL
- ✦ Test in any directions
- ✦ Comply to standard ASTM A956, DIN 50156, GB/T 17394-1998

## Specifications

| Model               | SADT HARTIP 1500   | SADT HARTIP 1000    |
|---------------------|--|---------------------|
| Principle           | Leeb hardness measurement  |                     |
| Accuracy            | ±0.4% @ HL=800 / ±3HL  | ±HRC0.5             |
| Display             | LCD with backlight   |                     |
| Hardness scale      | HL/HRC/HRB/HB/HV/HS  | HL/HRC              |
| Measuring range     | HL170-960/ HRC17-70/ HRB13-109/<br>HB20-655/ HV80-940/ HS32-99.5 | HL170-960/ HRC17-70 |
| Impact device       | D (Internal)   |                     |
| Materials           | 9 common metal materials   | Steel/Cast steel    |
| Memory              | 99 data  | -                   |
| Statistics function | Average / Max. / Min.  | -                   |
| Re-calibration      | Allowed by user  | -                   |
| Indicator           | Low battery  |                     |
| Auto power off      | Auto   |                     |
| Power supply        | 9V alkaline battery x 1  |                     |
| Working environment | -10~+45°C  |                     |
| Dimension (mm)      | 100x60x33  |                     |
| Net weight (g)      | 150  |                     |
| Standards           | Conforming to ASTM A956, DIN 50156, GB/T 17394-1998              |                     |

