



# DR THS180 PORTABLE DUROMETER

The DR THS180 Portable Durometer measures the hardness of materials using the impact measurement system. The tool can value the HLD, HB, HRB, HRC, HV, HS measuring scale and the breaking point. The tool can be easily used under all working conditions thanks to its small size and high ergonomics.

## SPECIFICATIONS

The DR THS180 Portable Durometer measures the hardness of a wide range of materials. The functions and parameters are viewed on the backlit LCD display. The probe (a D type probe is included) can be used at any angle, thanks to the compensation system. All hardness scales can be viewed directly on the display. The system can save up to 100 different groups, each of which includes: single measured value, average value, impact direction, number of impacts, material, hardness scale. It also has calibration functions.



## FIELDS OF APPLICATION

- Internal cavities – stamps
- Hardness of bearings and other mechanical components
- Detection of inclusions and defects in containers
- Defects of heavy metal components
- Defects and anomalies of non-removable metal components of parts and complex structures
- Shallow hardness of mechanical components
- Identification of metal materials on components and complex parts
- Quick measuring of the uniformity of large metal structures

## TECHNICAL SPECIFICATIONS

### PERFORMANCE

IMPACT ENERGY	11 Nmm
MASS OF IMPACT	5,5 g
HARDNESS SCALES	HLD, HB, HRB, HRC, HRA, HV, HS
MEASURING DIRECTION	0+360°
MEASURING RANGE	HLD (170 - 960)

### PERFORMANCE

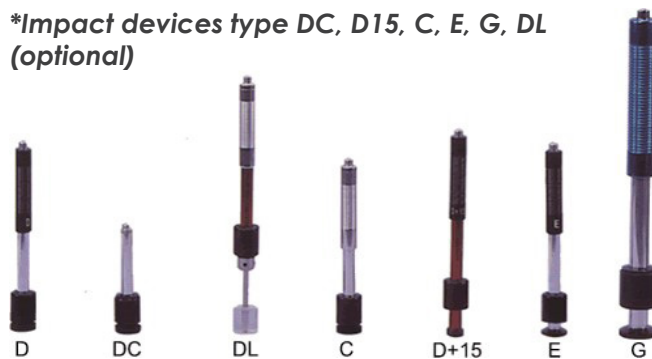
BATTERY LIFE	100 continuous hours
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### PHYSICAL

ACQUISITION SYSTEM'S DIMENSIONS	15 x 6 x 3 cm
ACQUISITION SYSTEM'S WEIGHT	0,170 Kg



*\*Impact devices type DC, D15, C, E, G, DL (optional)*



*\*\*Different types of support rings (optional)*



**THE KIT INCLUDES:**

- Acquisition system with backlit LCD display
- Impact probe D type
- HLD reference sample
- Batteries
- Small supporting rings
- PRS232 Gate
- Manual
- Rigid case
- RS232 cable and software (optional)
- \*Impact devices type DC, D15, C, E, G, DL (optional)
- \*\*Different types of support rings (optional)

**PACKAGE**

DIMENSIONS	36 x 30 x 12 mm
WEIGHT	5 Kg

**WARRANTY & MAINTENANCE**

**24**  
months

DRC guarantees maintenance service at its center or at authorized centers.



For ordering information please contact:

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