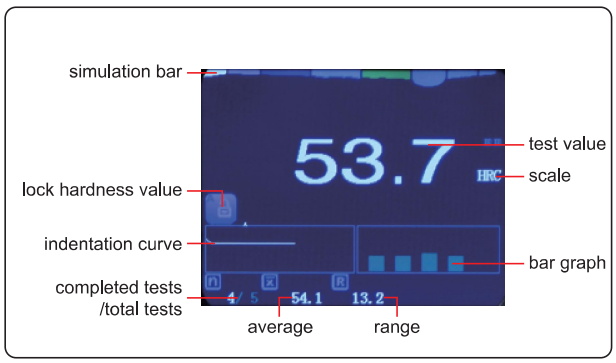
MANUAL DIGITAL ROCKWELL HARDNESS TESTERS (BASIC TYPE)

INSPECTION CERTIFICATE

DATA OUTPUT





HDT-RD160

- According to ISO 6508
- Convert to other Rockwell scales, HV or HB
- Capable of setting tolerances and evaluating test results
- Supports 2~10 selectable repeated measurements, with automatic calculation and display of average and range
- Stores up to 500 test results
- Correction of measurement results based on calibration
- Automatic power off
- Keyboard signals can be output via a USB cable



Ø150mm flat anvil (included)



Ø58mm flat anvil (included)



V-type anvil (included) for cylinders with Ø8~60mm



small V-type anvil **(optional)** for cylinders with Ø3~8mm



wireless printer **(optional)**

SPECIFICATION

Code	HDT-RD160	HDT-SD170
Type	Rockwell	Superficial Rockwell
Hardness scale	HRA, HRB, HRC, HRD, HRF, HRG	HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
Preliminary test force	98N (10kgf)	29.4N (3kgf)
Total test force	588N (60kgf), 980N (100kgf), 1471N (150kgf)	147N (15kgf), 294N (30kgf), 441N (45kgf)
Conversion scale	HV, HB, HRA, HRB, HRC, HRD, HRF, HLD, HSD, HK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T	
Output	wireless and USB	
Stage lifting	manual	
Load control	manual	
Resolution	0.1HR	
Max. workpiece height	170mm	
Max. testing width	135mm (indenter to frame distance)	
Display power	built-in li-ion rechargeable battery	
Dimension (L×W×H)	466×238×630mm	
Net weight	70kg	

STANDARD DELIVERY

Code	HDT-RD160	HDT-SD170
Main unit	1 pc	1 pc
Ø58mm flat anvil	1 pc	1 pc
Ø150mm flat anvil	1 pc	1 pc
V-type anvil	1 pc	1 pc
Diamond Rockwell indenter	1 pc	1 pc
Ø1.5875mm carbide ball indenter	1 pc	1 pc
Ø1.5875mm carbide ball	5 pcs	5 pcs
Hardness test block HRA80~88	1 pc	—
Hardness test block HRB85~95	1 pc	—
Hardness test block HRC20~30	1 pc	—
Hardness test block HRC35~55	1 pc	—
Hardness test block HRC60~70	1 pc	—
Hardness test block HR15N89~91	—	1 pc
Hardness test block HR30N42~54	—	1 pc
Hardness test block HR30N74~80	—	1 pc
Hardness test block HR30T75~82	—	1 pc
Anti-dust cover	1 pc	1 pc
Software and USB cable	1 pc	1 pc
Power adapter	1 pc	1 pc

OPTIONAL ACCESSORY

Hardness test block	
Small V-type anvil	ISH-SMALL-ANVIL
Desk	HDT-DESK
Diamond Rockwell indenter	HDT-RW160-HRC-INDENTER
Ø1.5875mm carbide ball indenter	HDT-RW160-HRB-INDENTER
Wireless printer	ISH-DS-PRINTER