Digital Rockwell Hardness Tester

Description

Semi automatic hardness tester except loading initial force and change force knob. Operation is very convenient and fast.

- Semi automatic hardness tester except loading initial force and change force knob.Operation is very convenient and fast.
- Motorized control loading,dwell and unloading, eliminates error by manual operation
- Built-in micro processor auto compute max,min,mean and deviation value,resolution is 0.1HR,largely improve accuracy.
- Auto hardness conversion to others scales,no need to check table and improve working efficiency.
- Support Multiple languages, English,Turkish,German, etc. Convenient for local customers operation.
- Save 2000 single testing results and 1000 group results for reviewing and analysis.
- Optional blue tooth mini printer is available.



Specification

Product Name	Digital Rockwell Hardness Tester
Art No.	447-9385
Rockwell Scales	HRA,HRB,HRC,HRD,HRE,HRF,HRG,HRH, HRK,HRL,HRM,HRP,HRR,HRS,HRV
Preliminary Test Force	10Kgf(98.07N)Permitted Error:±2.0%
Addtional Test Force	60Kgf(588.4N),100Kgf(980.7N),150Kgf(1471N)Permitted Error:±1.0%
Dwell Time	Adjustable 1~60s
Hardness Indication	5.2"Color Touch Screen,Resolution:640x480
Resolution	0.1HR
Loading Control	Auto Loading/Dwell/Unloading
Hardness Conversion	HRC,HV,HBS,HBW,HK,HRA,HRD,HR15N, HR30N,HR45N,HS,HRF,HR15T,HR30T,HR45T,HRB
Conversion Standards	ASTM,DIN
Language Option	Chinese,English,German,Portuguese,Turkish,Czech,Korean
Correction Range	-3.0HR to +3.0HR,Step 0.1HR
Data Memory	2000 Single Measuring Result,Curve Analysis,Results Reviewing And Analysis
Data Output	Optional Blue Tooth Mini Printer
Max.Height Of Specimen	175mm
Instrument Throat	165mm
Power supply	AC220V/50Hz,AC110V/60Hz
Dimension(LxWxH)	546x182x755mm
Packing Dimension	620x460x870mm
Gross/Net Weight	120Kg/90Kg
Exeution Standard	GB/T230.2,EN-ISO6508,ASTM E-18

Standard Delivery

Product Name	
Instrument Main Body	1.588mm Ball
Hardness Block(57-70)HRC	Diamond Spheroconical Indenter
Hardness Block(20-33)HRC	Weight A
Hardness Block(85-100)HRC	Weight B
Φ 150mm Flat Anvil	Weight C
Φ 60mm Flat Anvil	Power Cable
Φ 40mm V-grooved Anvil	Instrument Manual
1.588mm Ball Indenter	Accessories Box



Working cupboard(WP-447-WT1) is not included.

Manual Rockwell Hardness Tester

Description

The analogue gauge resolution is 0.5HR, it is useful to improve the reading accuracy than traditional 1HR resolution.

- The force knob adopts the metal material to replace the plastic, it largely improves the instrument using-life.
- The body adopts 10mm cast iron structure, which is durable and suitable for various harsh environments.
- It's intenter protector is available to improve the using lifetime of indenter.
- Application: carbides, carburized steel, hardened steel, surface hardened steel, hard cast steel, aluminum alloy,copper alloy,malleable castings, mild steel, quenched and tempered steel, annealed steel, bearing steel, etc.



Specification

Product Name	Rockwell Hardness Tester
Art No.	447-9408
Rockwell Scales	HL,HRC,HRB,HRA,HV,HB,HS
Preliminary Test Force	10Kgf(98.07N)
Test Force	60Kgf(558.4N),100Kgf(980.7N),150Kgf(1471N)
Dwell Time	Adjustable 1~60s
Hardness Indication	Analogue Display
Resolution	0.5HR
Loading Control	Manual
Max.Height of Specimen	175mm
Instrument Throat	165mm
Power supply	AC220V/50Hz,AC110V/60Hz
Dimension(LxWxH)	546x182x755mm
Packing Dimension	620x460x870mm
Gross/Net Weight	120Kg/90Kg
Exeution Standard	ISO 6508,ASTM E18,JIS Z2245,GB/T230

Standa

Product Name	
Instrument Main Body	Φ1.588mm Steel Ball
Hardness Block(57-70)HRC	Cone Diamond Indenter
Hardness Block(20-33)HRC	Φ 150mm Flat Anvil
Hardness Block(85-100)HRC	Φ 40mm V-shape Anvil
Φ 1.588mm Ball Indenter	Weight A
Accessories Box	Weight B
Anti-dust Cover	Weight C
Qualified Certificate	Instrument Manual

Optional Accessories

Optional Accessories	
1/8" Steel Ball	1/2"Steel Ball
1/8"Steel Indenter	1/2"Steel Ball Indenter
1/4"Steel Ball	1/4"Steel Ball Indenter