

Mechanical Rockwell Hardness Tester TXR-150



Digunakan untuk menguji lembaran logam, tabung berdinding tipis kekerasan permukaan dari baja ringan hingga baja keras.

Feature

- Measuring the Rockwell hardness of plastic, hard rubber, aluminum, tin, copper, mild steel, synthetic resins, brake friction material, such as HRE,HRL,HRM,HRR
- Applied in the factories, scientific research institute and laboratories of colleges etc
- Automatic force loading and unloading
- Testing force is changed by the hand wheel without manual error
- With high sensitivity and stability

Spesification

Scales	Ball indenter	Pre-test force	Total test force
HRE	Ø3.175	98	980
HRL	Ø6.35	98	588
HRM	Ø6.35	98	980
HRR	Ø12.7	98	588

Rockwell Hardness Tester HR-150B



Digunakan untuk menguji lembaran logam, tabung berdinding tipis kekerasan permukaan dari baja ringan hingga baja keras.

Feature

- Measuring the Rockwell hardness of ferrous and non-ferrous metals such as hard alloy, carbon steel, cast iron
- Applied in the factories, scientific research institute and laboratories of colleges etc.
- Standards conforming to: BSEN10109-96
- Automatic latch the measured peak value
- Calculate the average value, can be used for material analyzing
- Pre-setting of upper and lower limit are available to facilitate the batch testing of pipe
- Built- in buzzer and LCD blinking function, providing abundant prompt information
- Large capacity memory, 5000 data can be stored
- Shut down automatically
- Rechargeable Li battery
- Applying the carbide penetrator and worktable ,greatly enhance durability

Spesification

Model	HR-150A	HR-150B
Pre-test force(N)	98.1	
Total test force(N)	588, 980, 1471	
Measuring range:	(20~88) HRA (20~100)HRA (20~70) HRA	

Hardness scales	C:0~100 B:30~130	
Vertical testing space(mm)	170	400
Horizontal testing space(mm)	130	160
Dimensions(mm)	463×240×625	548×326×1025
Weight(kg)	85	140

Rockwell Hardness Tester TH320



Rockwell Hardness Tester digunakan untuk menguji lembaran logam, tabung berdinding tipis kekerasan permukaan dari baja ringan hingga baja keras.

Feature

- Horizontal protrudent nose design, testing on surfaces difficult to reach
- Testing internal surface of ring parts whose diameter is not less than 23mm(0.900)
- Testing external surface of round bars whose diameter is not less than 3mm (0.120)
- Automatic test process
- High definition backlight LCD
- Simple and easy selectable operation menu
- RS-232/USB data output
- TH300: Rockwell hardness tester
- TH301: Rockwell hardness tester with auto-switch of test force.
- TH310: Rockwell superficial hardness tester.
- TH320: Rockwell & Rockwell superficial hardness tester

Spesification

Model	TH300	TH301	TH310	TH320
Hardness scales	Rockwell A, B, C,D,E,F, G, H, K, L, M, P, R, S, V	Rockwell A,B, C,D,E, F, G, H,K, L, M, P, R, S, V	Rockwell superficial 15/30/45N,T, W, X, Y	Rockwell A,B,C,D,E,F,G,H,K,L,M,P,R,S,V Rockwell superficial15/30/45N,T,W,X,Y
Resolution	0.1Rockwell unit			
Pre-load	98.07N/10kgf		29.42N/3kgf	98.07N/10kgf, 29.42N/3kgf
Total load	588.4N/60kgf, 980.7N/100kgf, 1471N/150kgf		147.1N/15kgf, 294.2N/30kgf, 441.3N/45kgf	588.4N/60kgf, 980.7N/100kgf, 1471N/150kgf, 147.1N/15kgf, 294.2N/30kgf, 441.3N/45kgf
Display	Matrix backlight LCD			
Language	English, French, Germany	English		
Operation	Menu selectable, Membrane keypad			
Test process	Automatic			
Load duration	2-50 seconds, can be set, dynamic displayed and stored	2-50 seconds, Can be set, dynamic displayed and stored	2-50 seconds, Can be set, dynamic displayed and stored	2-50 seconds, Can be set, dynamic displayed and stored
Fun	<ol style="list-style-type: none"> Upper / lower hardness limits setting and alarming Data statistics : Ave., Max., Min., standard Deviation, convert tested values to HB, HV, HLD and δb (Tensile-strength) Curvature correction: cylinder and sphere surface 	<ol style="list-style-type: none"> Upper / lower hardness limits setting and alarming Data statistics : Ave., Max., Min., standard Deviation, convert tested values to HB, HV, HLD, Rockwell Superficial and δb Curvature correction: cylinder and sphere surface 	<ol style="list-style-type: none"> Upper / lower hardness limits setting and alarming Data statistics : Ave., Max., Min., standard Deviation, convert tested values to HB, HV and δb (Tensile-strength) Curvature correction: cylinder and sphere surface 	<ol style="list-style-type: none"> pper / lower hardness limits setting and alarming Data statistics : Ave., Max., Min., standard Deviation, convert tested values to HB, HV, HLD and δb (Tensile-strength) Curvature correction: cylinder and sphere surface
Data output standard	RS232	RS232, USB	RS232	RS232
Testing space	Vertical: 250mm (9.85 ") Horizontal:150mm /5.91 "	Vertical: 260mm/10.24 " Horizontal:150mm/5.91 "	Vertical: 250mm (9.85 ")	Horizontal:150mm (5.91 ")
Work piece size	External surface cylinder: Min. ϕ 3mm (0.120 ") Internal surface cylinder: Min. ϕ 23mm (0.900 ")			
Power supply	220v/110v, 50Hz, 4A			
Dimensions	715mm×225mm×790mm	715mm×225mm×790mm	720mm×225mm×790mm	720mm×240mm×815mm
Weight	100kg		70kg	120kg