

Rockwell Hardness Tester THV-30s



ISO 9001



Features:

- New high-tech product integrating mechanical and photoelectrical technologies
- Large LCD screen for direct display of the measuring method, test force, indentation length, hardness value, dwell time of test force
- Especially suitable for testing the hardness of micro and thin specimen, fragile material
- By means of closed-circuit system for control, CPU control testing force to load, dwell and unload, the sensor feedback information, therefore the lost of the testing force can be automatically compensated during testing for high accuracy
- The inbuilt printer can be chosen (Optional)
- THV-30S(Manual Turret and Simulation eyepiece)
- THVS-30S(Manual Turret, digital eyepiece)
- THVP-30S(Manual Turret, digital eyepiece and Inbuilt printer)
- THV-30 (Auto Turret and Simulation eyepiece)
- THVS-30 (Auto Turret, digital eyepiece)
- THVP-30 (Auto Turret, digital eyepiece and Inbuilt printer)

Technical Specification

THV-30S		THVS-30S	THVP-30S	THV-30	THVS-30	THVP-30
Hardness Scale	HV1, HV3, HV5, HV10, HV20, HV30					
Test Forces	9.8, 29.4, 49.0, 98.1, 196, 294 N					
Carriage Control:	Automatic (loading / holding-up of the load / unloading)					
Test force choosing	Keyboard input					
Display items	Hardness Value, Test force(N,kgf)					
Standard	GB/T231.2-2002					
Carriage Control	Loading/dwell/unloading (automatic)					
Dwell time	5 to 99s					
Turret type	Manual			Motorized(Auto)		
Magnification of the eyepiece	10X					
Simulation eyepiece	?			?		
Digital eyepiece		?	?		?	?
Magnification of the Object lens	10 ×、20 ×					
Measuring range	100x : 800μm 200x : 400μm					
Optical channel	Dual Optical channel : Eyepiece and Image pick-up device					
Light resource	5V/3W LED					
Max. height of the specimen	220 mm					
Max. width of the specimen	160mm					
Working Temperature	10 to38					
Humidity	10% to 90%					
Inbuilt Printer (or not)			?			?
Data statistic		?	?		?	?
Power Supply	220V,60/50Hz					
Dimension	560 × 190 × 700mm					
Gross Weight	42kg					

Rockwell Hardness Tester THV-30s



ISO 9001



Standard Delivery :

• Main unit	1
• Accessories Box	1
• Object Lens 10x	1
• Object Lens 20x	1
• Vickers Indenter	1
• Big testing table	1
• Small testing table	1
• 'V' shape test table	1
• Level	1
• Screws	2
• Plastic osculum	1
• Fuse	1
• Power cord	1
• Spanner	7
• Anti dust cover	1
• 10X numerical microscope	1
• Vickers hardness blocks	2
• Horizontal Regulation screws	4
• TIME certificate	1
• Warranty card	1
• Instruction manual	1
• Conversion table	1

Optional Accessory

- Printer
- Platelet fixture
- Plane-holding fixture
- Filament fixture