

HST-XHR150 Plastic Rockwell Hardness Tester



Product instruction

HST-XHR150 The plastic Rockwell hardness tester is a hardness tester specially designed to test non-metallic materials such as plastics, hard rubber, synthetic resins, friction materials and softer metals. It adopts mechanical manual test, does not need power supply, has a wide range of applications, is easy to operate, and has good economy and practicability.

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The dial can directly read the hardness value, and other Rockwell scales can be selected; the frictionless spindle is adopted, and the test force accuracy is high; the integrated casting precision hydraulic buffer is adopted, and there is no buffer leakage, and the loading and unloading is stable and free The impact and speed are adjustable; the accuracy conforms to GB/T230.2-2018, ISO6508-2 and American ASTM E18-16-M standards.

Main Specifications

Name	Specification
Test force	60、100、150kgf
	588.4、980.7、1471N
Measuring range	70~100HRE, 50-115HRL, 50-115HRM, 50-115HRR
Maximum allowable height of the test piece	170mm
The distance from the center of the indenter to the machine wall	135mm
Hardness Resolution	0.5HR
Power supply	AC220V, 50Hz
Dimensions	466*238*630mm
Net weight	65kg

Packing List

Name	Specification	Unit	Quantity	Note
Plastic Rockwell Hardness Tester		Set	1	
Ball indenter	Φ1.5875mm、Ø6.35mm、Ø12.7mm	Pc	3	
Test bench	Big flat, small flat, V-shape	Pc	3	
Hardness block		Pc	4	
Standard weight	A、B、C	Pc	3	
Dust-proof plastic cover		Pc	1	
Product certificate		Sheet	1	
Instruction Manual		Sheet	1	