

HST-HV1000 Micro vicker Hardness Tester



Description:

HST-HV1000 micro hardness tester adopts the whole casting process of the shell, and the punching alignment adopts a knife-type straight through, which ensures the concentricity coaxiality of each hole position, which lays a good foundation for the high precision and high stability of the machine.

The hardness tester light source adopts a special high-quality imaging light source system on the metallographic microscope, and the brightness of the light field is uniform and clear, thereby reducing the measurement error of the printing indentation.

The operation interface adopts a menu structure, and the hardness scale HV or HK can be selected on the operation panel, the hardness value of the test is input, and the display is manually input.

Various hardness values can be converted to each other. Manual turret positioning.

Technical Parameter:

Test force	10-25-50-100-200-300-500-1000gf
Scale of hardness	Vickers, Knoop
Test force selection mode	Manual
Carried standard	In accordance with en-iso6507, ASTM E384&E92 and JIS standards
Loading and unloading mode	Automatic

Dwell Time	Adjustable 0 to 60 seconds
Turret	Manual
Micrometer eyepiece multiple	10X
Me measurement resolution	0.25μm (drum reading)
Objective magnification	10X 40X
Total magnification	100X (objective) 400X(measurement)
measurement range	150μm
optical channel	two-channel/CCD
filter lens	Green
light source	Halogen lamp (brightness adjustable)
Resolution of hardness number	0.1 vickers units
Hardness conversation	Brinell, rockwell, surface rockwell
Max. Height of Specimen	110mm
Depth at center line	110mm
XY test table size	100X100mm
XY test table moving distance	25X25mm
Min. displacement of XY test table	0.01mm
Operating temperature	23±5℃
Operating humidity	<65%
Size of Host Machine	530mmX290mmX490mm
Net weight	40Kg
Power supply	220V 2A 50-60HZ
Test force selection mode	Manual

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