

Micro Vickers Hardness Tester

Model: JG-116A



(For reference only)

Auto Turret

Easy operation

Economic

Equipment Usage

Suitable for ferrous metal, non-ferrous metals, IC thin sections, coating, ply-metals; glass, ceramics, agate, precious stones, thin plastic sections etc.; hardness testing such as that on the depth and the trapezium of the carbonized layers and quench hardened layers.



Features

- Economic type, cost-effective, reliable, easy operation and intuitive;
- HV/HK scale, light, and dwell can be set through operation panel;
- Put in the diagonal length and hardness value can be shown on LCD screen; no need to refer to sheet;
- Hardness value, measuring method, test forces value, dwell time, number of measurement can be shown on LCD screen;
- In put halogen lamp with long working life;

Technical Specifications

Model	JG-116A
Testing range	1HV ~ 2967HV
Test force	0.098, 0.246, 0.49, 0.98, 1.96, 2.94, 4.90, 9.80N (10, 25, 50, 100, 200, 300, 500, 1000gf)
Max. height of test specimen	90mm
Depth of throat	90mm
Lens/indenters with	Auto turret
Carriage control	Automatic (Loading / Holding-up of the load / unloading)
Reading microscope	10X
Objectives	10x, 40x
Total amplification	100x, 400x
Dwell time of the test force	5 ~ 60s
Min. graduation value of the testing drum wheel	0.25 μ m
Dimension of the XY table	100 x 100mm
Travel of the XY table	25 x 25mm
Light source / Power supply	220V, 60/50Hz
Dimensions	490 x 205 x 530mm
Package dimension	550 x 370 x 800mm
Net weight / Gross weight	30kg / 45kg



Main Accessories

Description of Goods	Quantity
Main unit	1 Unit
Reading microscope	1 Pc
10x, 40x objective	1 Pc each
Diamond Micro Vickers Indenter	1 Pc
Weight	6 Pcs
Weight Axis	1 Pc
XY table	1 Pc
Flat clamping test table	1 Pc
Thin specimen test table	1 Pc
Filament clamping test table	1 Pc
Horizontal regulating screw	4 Pc
Level	1 Pc
Fuse 1A	2 Pc
Halogen lamp	1 Pc
Power cable	1 Pc
Screw driver	2 Pcs
Hardness block 400 ~ 500 HV0.2	1 Pc
Hardness block 700 ~ 800 HV1	1 Pc
Anti-dust cover	1 Pc
Operation manual	1 Set
Certificate	1 Pc

