



Micro Vickers hardness tester

CHV-1 with (Analog eyepiece,Manual Turret)

CHV-1M with (Analog eyepiece,Auto-Turret)



Main Features:

Model CHV-1 Micro hardness tester is micro Vickers hardness of basic plan, the aircraft used LCD display screen, through the operation panel of hardness or HK each file ruler HV benchmark test time by choice, the lighting source can do promise regulation. Operation can be measured D1 eyepiece, D2 value after the direct input, hardness value in LCD display screen is directly on display.

Detailed Product Description

1. High Good Values
2. Good Quality (ISO & CE Certification)
3. Can measuring Knoop hardness
4. Best After Sell Service

Usage Range:

Heat treatment, carbide, quench hardened layer, the surface coating layer, steel, non-ferrous metal and small and thin shape parts, etc.

Technical Specifications:

Model	CHV-1/CHV-1M
Test force	10gf (0.098N)、25gf (0.245N)、50gf (0.49N)、100gf (0.98N)、 200gf (1.96N)、300gf (2.94N)、500gf(4.9N)、1kgf (9.8N)
Min measuring unit	0.5 μ m
Data output	LCD screen display
Max Height of Specimen	80mm
Distance of Indenter to outer wall	95mm
X-Y Testing table	Dimension: 100*100mm Max mobile: 25*25mm
Conversion Scale	HRA、HRB、HRC、HRD、HRF、HV、HK、HBW、HR15N、HR30N、 HR45N、HR15T、HR30T、HR45T



Hardness measuring range	8~2900HV
method of testing force applied	Automatic (Loading, Dwell, Unloading)
Test microscope magnification	400X(Measuring), 100X (observation)
Duration time	0~60s
Power supply	AC220V±5%, 50-60Hz
Overall Dimension	405*290*480mm
Net weight	About 25Kg

Standard Accessories:

Item	Quantity	Item	Quantity
Weight shaft	1	Weight	6
Cross clamping testing table	1	Flat clamping testing table	1
Filament clamping testing table	1	Thin Specimen Testing Table	1
Screw driver	2	Level adjustment screw components	4
Level bubble	1	Objective 10X	1
Micro Vickers hardness block (High, Low)	Each 1	Fuse(2A)	2
Power cable	1	Product Certificate	
Manual	1		

Note:

Special accessories: special accessories according to user needs rationing custom, the price is another plan.

1. Knoop indenter: can measuring some high hardness materials.
- 2, Provide 15 X micro-distance measuring eyepiece, total magnification for 640 * and * 40.
- 3, Provide 6.8 inch LCD screen can be equipped with, have tested indentation in the display on the screen and the measurement.
4. Provide equipped with image acquisition device, will impress clearly shown on a computer screen for automatic or manual measurement.