

## Sensor Loading Low Load Micro Vickers Hardness Tester Max Force 2Kg



### Brief Introduction:

Iqualitrol digital display automatic turret micro-Vickers hardness tester CHVS-2000Z adopts a closed-loop loading control system, which has high precision of test force, good repeatability and stability of indication value.

CHVS-2000Z adopts a high-resolution display screen, which is intuitive and clear, easy to operate, and has an energy-saving mode.

CHVS-2000Z equips with a digital micrometer eyepiece, no need to check hardness table or input the indentation diagonal line, the test force, indentation length, dwell time, measurement times, conversion scale, date and time are intuitively displayed on the screen, and only need to press the eyepiece button then automatically calculate the hardness value and display it on the screen.

The hardness test results are saved in real time and printed out, and the maximum, minimum and average values are automatically calculated.

### Technical Specifications:

Model	CHVS-2000Z
Scales	HV0.025, HV0.05, HV0.1, HV0.2, HV0.3, HV0.5, HV1, HV2
Display	Hardness Value, diagonal (D1, D2), dwell time, Test numbers, Average value, Hardness Conversion
Test force	0.025kgf, 0.05kgf, 0.1kgf, 0.2kgf, 0.3kgf, 0.5kgf, 1kgf, 2kgf
Test Mode	HV/HK
Turret	Automatic Turret
Objectives	Dual Lens 10X, 40X
Loading Control	Automatic (Loading/dwell/unloading)
Dwell time	1~99 seconds
Light Path	Dual Light path (Eyepiece, CCD channel)
Optical System	Objectives: 10x, 40x; Eyepiece: 10x (optional 15x) Total Magnification (μm): 100x, 400x; Measuring range(μm):200 Resolution (μm): 0.0625
Standards	ISO 6507, ASTM E92, JIS Z2244, GB/T 4340.2
Hardness Range	5-9999HV
XY Test Anvil	Size (mm):100×100, Travel (mm): 25×25 Resolution(mm):0.01
Max Height of Specimen	165mm
Depth Throat	130mm
Data output	Optional printer
Power Supply	AC220V/50HZ
Dimension	585×200×630mm
Weight	42Kg