

Auto Turret Vickers Hardness Tester with Large LCD



Product description:

The iqualitrol LARGE LCD digital Vickers hardness tester can meet the basic Vickers hardness test requirements. The upgraded digital micrometer eyepiece can directly read the measurement length, so that the measured value can be obtained more quickly and accurately.

Main application scope:

1. Iron and steel, non-ferrous metals, metal foils, hard alloys, metal sheets, microstructures, carbonization;
2. Carburizing, nitriding and decarburization layers, surface hardened layer, plating layer, coating, heat treatment;
3. glass, wafers, ceramic materials;

Technical Parameters:

Model	HVS-5ZL/10ZL/30ZL/50ZL, Auto Turret
display	5-digit hardness value, 4-digit diagonal length (D1, D2), Hold time, number of tests, average, standard deviation
Loading control	Automatic (load/hold/uninstall)
Dwell time	1~99 seconds
Optical channel	Dual light channels (eyepieces and CCD camera channels)
Optical system	Objectives: 10×, 20× Eyepiece Magnification: 10× Total magnification (μm): 100×, 200× Measuring range (μm): 400 Resolution (μm): 0.125
Hardness measurement range	(5-3000)HV
XY test stand (optional)	Size (mm): 100×100 Travel range (mm): 25×25 Minimum reading (mm): 0.01
Maximum height of specimen	165mm
Throat depth	130mm (distance from the center line of the indenter to the wall)
Data output	Reserve built-in mini printer interface, (RS232 serial interface) optional installation
voltage	AC220V/50HZ
Overall size	585×200×630mm
Weight	42Kg