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Vickers Hardness Tester LHVS- 10DXZ / 30DXZ / 50DXZ

USB Software LCD

CE ISO





Turret



Objective lens



HV Indenter



Eyepiece

Functions & Features

- Touch Screen, full color multi-function LCD display
- Closed-loop system; Automatic loading & unloading
- Automatic turret function: The objective and Indenter can switch automatically
- High-definition optical system, 10 levels adjustable light intensity
- Corner length D1 and D2 automatically calculate and input
- Built-in printer and RS232 for data output.
- Optional Knoop Indenter and eyepiece / objectives with difference magnification
- Optional high-definition CCD camera and software for data management and report
- Meet or exceed ISO, ASTM and JJS standards

Application

- Surface coating, steel, non-ferrous metals, ceramics, alloys, etc.
- Heat treatment, carbonization, quenched hardened layer, nitrided layer
- Small and thin parts
- Hardness test such as on the depth and gradient of the carbonized layers and quenched hardened layers.

Technical Parameters

Model	LHVS- 10DXZ / 30DXZ / 50DXZ
Test force	LHVS-10DXZ: 0.1、0.2、 0.3、0.5、1.0、2.0、2.5、3.0、5.0、10.0Kgf
	LHVS-30DXZ: 0.3、0.5、1.0、2.0、2.5、3.0、5.0、10.0、20、30Kgf
	LHVS-50DXZ: 0.5、1.0、2.0、2.5、3.0、5.0、10.0、20、30、50Kgf
Measuring Range	8-2900HV
Conversion Scale	Rockwell, Superficial Rockwell, Brinell
Indication of Hardness Value	Large LCD screen display
Min measuring unit	0.0625μm
Test microscope magnification	200X(Measuring)，100X（observation）
Data output	RS232, Built-in Printer
Load control (force applied)	Automatic（Loading, Dwell, Unloading）
Max Height of Specimen	165mm
Distance of Indenter to outer wall	130mm
Power supply	AC220V+5%，50-60Hz
Carried Standard	GB/T 4340, ISO 6507, EN ISO 6507, ASTM E-384, JJG151
Net weight	About 48Kg

Standard Accessories

Item	Quantity	Item	Quantity
Objective 10x	1	Testing table (Large, Small, V-shaped)	3
Objective 20x	1	HV Indenter	1
Eletric Eyepiece 10x	1	12V20W light bulb	1
Rod of Weight	1	Power cable & 2A fuse	2
Hardness Block	2	Paper for thermal printer	1
Manual & Certificate	2	Screwdriver & Level vial	2