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LHSV-1000Z (Touch Screen) Micro Vickers H

- With 7-inch large LCD screen, menu structure.
- Automatic measuring process, easy operation.
- High-definition optical system, the brightness of light
- With hardness value conversion function, tolerance

INQUIRY

PDF Format

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Description

DIGITAL MICRO VICKERS HARDNESS



Turret



10x, 40x
Objectives



Small Cylinder
Table (φ58)





Main Features

- Touch Screen, full color multi-function OLED display
- Automatic measuring process
- Corner length D1 and D2 automatically calculate and input
- High-definition optical system: 20 levels adjustable
- Hardness scale conversion function
- Built-in printer for data output
- Optional: Knoop indenter, high-definition CCD camera & system

- Automatic turret function

Application

- Surface coating, steel, non-ferrous metals, ceramics, alloys, etc.
- Heat treatment, carbonization, quenched hardened layer, nitrided layer.
- Small and thin parts.

Technical Specifications

Model	LHVS-1000Z (Touch Screen)
Test force	10gf (0.098N) 25gf (0.245N) 50gf (0.49N) 100gf (0.98N) 200gf (1.96N) 300gf (2.94N) 500gf (4.9N) 1000gf (9.8N)
Min measuring unit	0.03125 μ m
Data output	LCD screen display
Carried Standard	GB/T4340.1, GB/T4340.2, ISO6507-2, ASTM_E384, JIG151
Max Height of Specimen	90mm
Distance of Indenter to wall	120mm
X-Y Testing table	Dimension: 100*100mm Max mobile: 25*25mm
Conversion Scale	HRA HRB HRC HRD HRF H V HK HBW HR15N HR30N HR45N HR15T HR30T HR45T
Measuring Range	8~2900HV
Method of testing force applied	Automatic (Loading, Dwell, Unloading)
Test microscope magnification	400X(Measuring), 100X (observation)
Duration time	0~60s (Adjustable)
Power supply	AC220V+5%, 50~60Hz
Overall Dimension	405*290*480mm
Net weight	About 40 Kg
Standard Accessories	Indenter*1, Hardness Block*2, Testing table*1, Testing platform*3, Objectives*2, Eyepiece*1, Light bulb*1, ect. (Please see Packing list)

Optional Models



LHV-1000



LHV-1000D



LHVS-1000



LHV-1000

- LCD display & Automatic measuring process
- Test force 10gf to 1000gf
- Min measuring unit: 0.25 μ m
- Optional Automatic turret
- D1 and D2 manual input



LHV-1000D

- All functions of LHV-1000
- Min measuring unit: 0.03125 μ m
- D1 and D2 Automatic input
- Built-in printer
- Optional CCD camera



LHV-1000D

- All functions of LHV-1000D
- 4-inch large LCD screen
- Rotating wheel of Z axis
- D1 and D2 Automatic input
- Built-in printer & Optional CCD camera

Company Chongqing Leeb Instrument Co. Ltd POWERED BY UEESHOP