



Introduction

Name: ZL-1111 HV1000 digital micro hardness tester



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**Equipment description:**

ZL-1111 HV1000 type microhardness tester is the basic type of micro hardness tester, the aircraft with LCD display, the control panel may HV or HK hardness scale test each file to select the time to secure a load, light intensity can be used for non-class regulation.

Operation can be measured eyepiece D1, D2 values directly, the hardness value is directly displayed in the LCD screen.

Applicable industry:

Heat treatment, carbide, hardened layer, surface coating, steel, nonferrous metals, and small and thin parts.

Technical parameter:

Model	ZL-1111 HV1000
Test force	10-25-50-100-200-300-500-1000gf
standards	Compliance with EN-ISO6507, ASTM E384 & E92 and JIS standards
Test force selection	Manual
Loading and unloading mode	Automatic
Hold time	0-60s adjust
Turret	Automatic
micrometer eyepiece multiples	10X
Measure the resolution	0.5 μ m (Optional encoder)
Objective magnification	10X 40X
Total magnification	100X (observation) 400X (measurement)
Measuring range	150 μ m
Optical channel	Dual channel / CCD
Filter	green
light source	Halogen lamp (brightness adjustable)
Resolution hardness	0.1 Vickers units
Data output	Built-in printer, RS232 Interface
Conversion Brinell hardness	Brinell hardness, Rockwell, Superficial Rockwell

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东莞中力仪器科技有限公司

ZhongLi Instrument Technology Co., Ltd.

Maximum specimen height	90mm
Depth at the center line	120mm
XY test table size	100X100mm
XY test bench movement distance	25X25mm
The minimum displacement of the XY test bench	0.01mm
Operating temperature	23±5℃
Working humidity	<65%
Size	530mmX290mmX490mm
Net weight	40Kg
Power	AC220V±5%,50~60Hz

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