

NEW
2024

VICKERS HARDNESS TESTER
(TOUCH SCREEN)
Standard: ISO 6507, ASTM E384

Hardness Test

The hardness tester is suitable for measuring small, thin specimens, surface infiltration, plating after the treatment of parts.

FEATURES:-

- * Adopts a closed-loop loading control system to improve the accuracy of the test force.
- * New display screen LCD
- * 10 times digital measurement microscope and 20 times objective lens



Technical Specifications :	
Model Number	CL 6004 X / 006
Test Force	0.3、0.5、1、2、2.5、3、5、10、20、30 kgf 2.94、4.90、9.80、19.6、24.5、29.4、49、98、196、294 N
Measurement range	5HV~3000HV
Test mode	HV/HK
Test force application	Automatic (loading, dwelling, unloading)
Objective and indenter switching	Automatic Turret
Objective lens	10X (Observe) , 20X(measurement)
Eyepiece	10X micrometer
Total magnification	100X, 200X
Dwelling time	1~60s
Date output	LCD Digital Display, Build-in Printer
Light source	Halogen Light Source
Max. height of specimen	175mm
Distance from indenter to machine wall	125mm
Power	220~240 V, 100 W, 0.2 A, 1 Ph, 50/60 Hz, 0.13 Hp
Dimension	320 (L) x 580 (W) x 650 (H) mm
Weight	55kg

Unit Consists Of :

Model Number	Parts Description	Qty
CL 6004 X / 005 – P 001	Accessory Case	1 pc.
CL 6004 X / 005 – P 002	Micrometer Eyepiece	1 pc.
CL 6004 X / 005 – P 003	Small Flat Test Bench	1 no.
CL 6004 X / 005 – P 004	Large Flat Test Bench	1 no.
CL 6004 X / 005 – P 005	V-Shaped Test Bench	1 no.
CL 6004 X / 005 – P 006	Vickers Hardness Block	2 pcs
CL 6004 X / 005 – P 007	Power Cable	1 no.
CL 6004 X / 005 – P 008	Horizontal Adjusting Screw	4 pcs

* 1 copy of instruction manual