

**Product Name :**  
Vickers Hardness Tester

**Product Code :**  
CHINAELABC5230003



**Description :**

Vickers Hardness Tester

**Technical Specification :**

Vickers hardness tester is used for ferrous metal, non-ferrous metals, IC thin sections, coatings, ply-metals; glass, ceramics, agate, precious stones, thin plastic sections etc.; hardness testing such as that on the depth and the trapezium of the carbonized layers and quench hardened layers.

Test force: kgf: 0.5, 1, 2, 2.5, 3, 5, 10, 20, 30, 50

N 4.90, 9.80, 19.6, 24.5, 29.4, 49, 98, 196, 294, 490

Test range: 1HV~2967HV

Hardness resolution: 0.1HV

Loading method: Automatic (loading/dwell/unloading)

Shifting between objective and indenter: Manual shifting

Data Output -

Eyepiece: 10xdigital measuring eyepiece

Objective: 10x, 20x

Total magnification: 100x, 200x

Effective field of view: 10x: 800 $\mu$ m, 20x: 400 $\mu$ m

Min. measuring unit: 10x: 0.25 $\mu$ m, 20x: 0.13 $\mu$ m

Dwell time: 0~60s

Light source: Halogen lamp

Max. height of specimen: 185mm

Throat: 130mm

Power supply: AC220V, 50Hz



**Engineering Lab China**