Product name:	Product code:
Micro Vickers Hardness Tester with Digital Measuring Eyepiece	CMI-IND-0304

Description

Low-load Vickers tester for case depth, thin sections, welds and small precision components. Used in aerospace, automotive and metallurgical research labs. Results are traceable to HV values with test forces from 10 gf upward.

Technical specification

Standard Accessories

- Diamond Vickers indenter
- Test block 400 and 800 HV
- Specimen clamps

Test forces from 10 gf to 1 kgf are applied by a motorised turret that rotates between indenter and objective. A digital measuring eyepiece reads diagonals and converts directly to HV.

Features

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- Automatic turret with 10x and 40x objectives
- Digital eyepiece with HV conversion
- Programmable dwell time
- Eight selectable test forces
- Case depth traverse capability with XY stage

Technical Specifications

Test forces	10, 25, 50, 100, 200, 300, 500, 1000 gf
Objectives	10x and 40x
Total magnification	100x and 400x
Resolution	0.1 um
XY stage travel	25 x 25 mm
Max specimen height	90 mm
Dwell time	5 to 60 s
Power	230 V AC, 50 Hz
Standards	ASTM E384, ISO 6507-1, IS 1501