Product name:	Product code:
Titanium Alloy Alpha Case Depth Vickers Microhardness Tester	CMI-IND-0430

Description

Vickers microhardness tester with a motorised turret that measures case depth and hardness traverses on titanium and nickel alloy sections. Used by forging and engine part inspection labs.

Technical specification

- Vickers indenter
- Standard test blocks
- Specimen mounting clips

The tester applies loads from 10 g to 1 kg and measures indents with a digital eyepiece. Hardness profiles across alpha case or carburised layers are plotted automatically for turbine and airframe components.

Features

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- Motorised turret with up to 6 objectives
- Digital eyepiece with software measurement
- Load selection from HV0.01 to HV1
- XY stage with traverse programming
- Hardness profile plotting and reporting

Technical Specifications

Test loads	10 gf to 1000 gf
Magnification	100x and 400x
Stage travel	100 x 100 mm
Resolution	0.1 um
Dwell time	5 to 60 s
Display	Touchscreen
Standards	ASTM E384, ISO 6507, AMS 2750 method
Power	230 V AC, 50 Hz

Standard Accessories