

AQUILA MICRO SIGHT



Celestis Aquila Micro Sight - Micro Vickers Hardness Tester with CCD Measurement Analytics System

TECHNICAL SPECIFICATIONS

Applicable scales	HV 0,01; 0,025; 0,05; 0,1; 0,2; 0,3; 0,5; 1
Applied forces	10gf (0,098N); 25gf (0,245N); 50gf (0,49N); 100gf (0,98N); 200gf (1,96N); 300gf (2,94N); 500gf (4,9N); 1kgf (9,8N)
Resolution	0,5 µm
Conversion scales	HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
Dwelling time	0-60 sec
Measurement sequence	automatic
Testing table size	100x100 mm (max. movement: 25x25 mm)
Display	LCD touchscreen
Power	230V - 50 Hz
Overall dimensions (LxWxH)	405x290x480 mm
Weight	~25 kg



ATTRIBUTES

Digital measurement system with external display device

connectability via VGA cable (quick, easy and precise measurements with the optical mouse included)

Accuracy in accordance with EN-ISO 6507 and ASTM E384 standards

Automatic measurement sequence:

loading / dwelling / unloading

Rockwell, Super Rockwell, Brinell, Knoop

conversion scales

Full-automatic turret with 2 lenses (100x; 400x)

Digital microscope

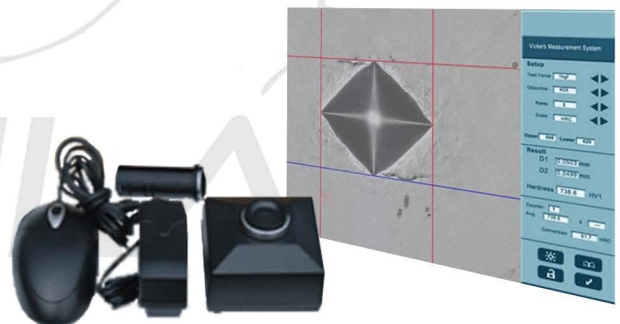
Easy operation, user-friendly construction

Built-in printer

XY direction testing table with 0,01mm resolution

Statistical analysis (mean calculation)

Threshold alert function



ACCESSORIES

Micro Vickers hardness testing machine - 1 pc.

Test blocks - 2 pcs.

Different testing tables - 4 pcs.

Adjustable stands - 4 pcs.

CCD camera - 1 pc.

Camera adapter - 1 pc.

Optical mouse - 1 pc.

Users Manual

CELESTIS

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