

Celestis Aquila Micro Touch - Touchscreen Micro Vickers Hardness Tester

## TECHNICAL SPECIFICATIONS

<b>Applicable scales</b>	HV 0,01; 0,025; 0,05; 0,1; 0,2; 0,3; 0,5; 1
<b>Applied force</b>	<b>10gf</b> (0,098N); <b>25gf</b> (0,245N); <b>50gf</b> (0,49N); <b>100gf</b> (0,98N); <b>200gf</b> (1,96N); <b>300gf</b> (2,94N); <b>500gf</b> (4,90N); <b>1kgf</b> (9,80N)
<b>Resolution</b>	1 HV
<b>Conversion scales</b>	HRA, HRB, HRC, HRD, HRF, HV, HK, HBS, HBW, HS, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
<b>Dwelling time</b>	5-60 sec
<b>Measurement cycle</b>	automatic
<b>Data output</b>	Bluetooth printing (optional)
<b>Testing table dimensions</b>	100x100 mm (max. movement: 25x25 mm)
<b>Display</b>	5,2" LCD touchscreen
<b>Power</b>	230V - 50 Hz
<b>Overall dimensions (LxWxH)</b>	478x162x518 mm
<b>Weight</b>	~35 kg



## ATTRIBUTES

*Closed loop Micro Vickers hardness tester (the loading is set by the actuation of a step motor and load cell)*

*Indentation parameter input with a push of a button*

*Large, colourful touchscreen*

*Automatic turret*

*Quick and easy scale conversion*

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

*Automatic measurement cycle:*

*loading / dwelling / unloading*

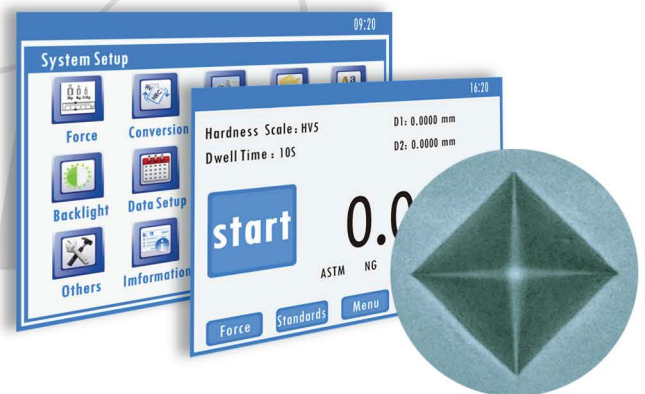
*Rockwell, Super Rockwell, Brinell, Knoop conversion scales*

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

*XY movement ready testing table*

*Easy operation, user-friendly menu layout*

*CCD measurement analysis system integration ready*



## ACCESORIES

Hardness tester machine - 1 pc.

Test blocks - 2 pcs.

Adjustable stands - 4 pcs.

Eyepiece (10x) - 1 pc.

Lenses (10x; 40x) - 2 pc.

Users Manual