

*Celestis Aquila Vision - Vickers Hardness Tester with CCD Measurement Analysis System*

## TECHNICAL SPECIFICATIONS

<b>Measuring range</b>	8 HV ~ 2900 HV
<b>Applied force</b>	<b>1 kgf</b> (9,8N); <b>2 kgf</b> (19,6N); <b>2,5 kgf</b> (24,5N); <b>3 kgf</b> (29,4N); <b>5 kgf</b> (49N); <b>10 kgf</b> (98N); <b>20 kgf</b> (196N); <b>30 kgf</b> (294N)
<b>Resolution</b>	0,1 HV; 0,125 µm
<b>Conversion scales</b>	Rockwell, Superficial Rockwell, Brinell, Knoop
<b>Dwelling time</b>	0-60 sec
<b>Measurement sequence</b>	automatic
<b>Data output</b>	built-in printer
<b>Display</b>	LCD touchscreen
<b>Power</b>	230V - 50 Hz
<b>Overall dimensions (LxWxM)</b>	533x225x580 mm
<b>Weight</b>	~40 kg



## ATTRIBUTES

*Digital measurement system connectable with*

*Windows OS tablet connectability*

*Compatible 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*

*(magnification: 100x; 200x)*

*Built-in printer*

*Variable statistical analytics tools*

*Automatic indentation analysis with a single click -*

*(manual / automatic analysis)*

*Hardness conversion to Rockwell and Brinell scales*

*Hardness value correction of Vickers hardness*

*measured on non-flattened surfaces*

*Automatic image saving via USB camera*

*Tablet with Windows 8 OS*

*High-res CCD camera*

*Diagram display*

*Measurement report making and printing with the indentation images (Word and Excel format)*

## ACCESSORIES

Vickers hardness tester machine - 1 pc.

Visus CCD measurement analytics system - 1 pc.

Test blocks - 2 pcs.

Different testing tables - 3 pcs.

Adjustable stands - 4 pcs.

Eyepiece 10x - 1 pc.

Lenses (10x; 20x) - 2 pcs.

Windows OS tablet - 1 pc.

User's Manual