

*Celestis Bison Loop - Closed loop Brinell hardness tester with analog microscope*

## TECHNICAL SPECIFICATIONS

**Applied forces** 62,5kgf (612,9N); 100kgf (980,7N);  
125kgf (1226N); 187,5kgf (1839N);  
250kgf (2452N); 500kgf (4903N);  
750kgf (7355N); 1000kgf (9807N);  
1500kgf (14710N); 3000kgf (29420N)

**Dwelling time** 5-60 sec

**Measurement sequence** automatic

**Power** 230V - 50 Hz

**Overall dimensions (LxWxH)** 550x236x753 mm

**Weight** ~125 kg



## ATTRIBUTES

*Full load range Brinell up to 3000kg. The loading is set by the actuation of a step motor and load cell.*

*Accuracy in accordance with EN-ISO 6506 standards*

*Automatic measurement sequence:*

*loading / dwelling / unloading*

*Favorable price/value ratio*

*Massive, reliable construction*

*Quick and precise measurement*

*External, analog microscope for measurement analysis*

*Long-term precision granted by closed loop dwelling and rigid construction*

*User-friendly, easy operation*



## ACCESSORIES

Brinell hardness tester - 1 pc.

Hardness test block - 3 pcs.

Indentors (Ø2,5 mm/5mm/10 mm) - 3 pcs.

Different testing tables - 3 pcs.

Analog microscope (20x) - 1 pc.

User's Manual

With Bullseye CCD  
measurement  
analysis system!  
(optional)



CELESTIS