SC METROMAT SRL

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INNOVATEST® Durinetru Brinell, HB 100



Features

Portable video scanning system to automatically measure and determine the Brinell hardness value.
Excellent solution for quick and easy measurement of Brinell hardness values made with ball diameters 1mm, 2mm, 2.5mm, 5mm and 10mm and applied loads of 1kgf/9.8Nw to 3000kgf/29kN.

- Including magnetic base for accurate and precise measuring
- Easy to use: Position the scanning system on the indentation made in a flat or curved surface, press the button to determine the relative hardness and diameter of the indentation
- Accuracy of the measured diameter is up to 0.001mm
- Possibility to set tolerance value Yes/No (upper and lower limits)
- Possibility to show the last 5 hardness measurements taken
- Automatic storage of images and accompanying measurement data files
- Storage of operator id, date/hour, hardness parameters, measured hardness values, location of stored image

Software Features

- Measures the indentation automatically or by hand
- Saves the image of the indentation in a dedicated format and folder
- Test results can be imported into Excel
- Each measurement is filed with information about the ball diameter, applied load, load duration
- Last 5 measurements can be shown on screen
- Images taken can be copied

Technical specification

Hardness scale	Brinell
Load range	1kgf/9.8Nw to 3000kgf/29kN
Dimensions	ø43mm x 270mm
Dimensions carrying case	Ext. 380mm x 265mm x150mm Int. 350mm x 250mm x140mm
Weight	650gr
Power consumption	300mA
Power supply	12V

Standard delivery

- Video-optical head with 2.0 camera
- Software
- Frame grabber
- Video cable (2.3m)
- RCA-RCA video cable (1.5m)
- Set of USB cable, CD with driver and dongle
- Power cable 12V (0.85m)
- Power supply AC 100V-240V, 50Hz/60Hz, 1.0A
- INNOVATEST® certificate
- Installation and user manual

Optional accessories

- Battery charger 12V, 7A
- Battery charger 12V, 1.2A
- Aluminum carrying case for HB100 and battery only
- PC or laptop

NOTA: Aceasta fisa a fost realizata sub rezerva modificarilor ulterioare de ordin tehnic sau a erorilor de editare.

Fotografia are caracter informativ.

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