



Die Maschine

# Brinell hardness tester

**M1**  
**3000**

Pro Series



The M1-3000 model is a semi-automatic hardness tester that can perform Brinell hardness tests between 62.5 and 3000 kg, in a fast and simple manner.

Its load application system includes a force sensor directly above the indenter, providing maximum measurement precision and excellent stability of applied loads.

It includes a touch screen for test selection and displaying the load applied.

The “LHB” camera and software can be included for indentation measurement.



## Characteristics:

- Touch screen.
- Selectable loads: 62.5, 100, 125, 187.5, 250, 500, 750, 1000, 1500 y 3000 kgf.
- Load selection via touch screen.
- High precision load cell.
- Semi-automatic motorised operation.
- Selectable load application times.
- Manual bottom ball screw.

## Included accessories:

- Brinell indenter - Ball Ø10.
- Brinell indenter - Ball Ø5.
- Brinell indenter - Ball Ø2.5.
- Spare balls for each indenter.
- Brinell template HBW 10/3000.
- Indentation measurement microscope (20x).
- Horizontal support table.
- V-shaped support table.
- Brinell conversion tables.





Maximum load	3000
Vertical capacity mm	225
Goose neck (Horizontal) mm	135
Dimensions (W x D x H) mm	200 x 530 x 750
Net weight kg	130
Power supply v	220

# 3 Year Warranty



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Hoytom<sup>®</sup>  
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When you purchase a Hoytom<sup>®</sup> machine the equipment comes with a 3 year warranty.



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