



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:

- Load selection via touch screen.
- Selectable loads: 62.5, 100, 125, 187.5, 250, 500, 750, 1000, 1500 and 3000 kgf.
- High precision load cell.

- Manual bottom ball screw.
- Semi-automatic motorised operation.
- Selectable load application times.

### Included accessories:

- Brinell indenter - Ball  $\text{Ø}10$ .
- Brinell indenter - Ball  $\text{Ø}5$ .
- Brinell indenter - Ball  $\text{Ø}2.5$ .
- Spare balls for each indenter.
- Brinell template HBW 10/3000.

- Indentation measurement microscope (20x).
- Horizontal support table  $\text{Ø}60$ .
- V-shaped support table  $\text{Ø}5\text{-}\text{Ø}100$ .
- Brinell conversion tables.



## Characteristics

Maximum load Kg	3000
Vertical capacity mm	205
Goose neck (Horizontal) mm	130
Dimensions (W x D x H) mm	224 x 540 x 755
Net weight Kg	130
Power supply v	220



# 3 Year Warranty



with all  
Hoytom<sup>®</sup>  
machines

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



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