



Eagle 3000

Automatic hardness testers

This Brinell hardness tester is particularly suited for testing bulky pieces (up to 1200mm height). Easy to use, and suitable for laboratory tests. In accordance with the ISO EN 6506, ASMT E10 standards. Optical indentation reading. Turret with automatic selection of indenters and lenses according to the test method specified. Software based on user-friendly Windows platform, available in different languages.

[Read more](#)

Technical Data

In this section you can find the technical data; for every further information, please feel free to contact us: we will help you find the ideal solution for your needs.

- **Working principle**

Brinell

- **Load time**

selectable from 3 to 30 sec.

- **Objective lenses**

Lenses 0.7 X 3X

- **Power supply**

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- **Loads**

31.25, 62.5, 125, 187.5, 250, 500, 750, 1000, 3000 Kgf (N 306.5, 612.9, 1226, 1839, 2452, 4903, 7355, 9817, 29420)

- **Load application method**

Electric motor with closed loop with load cell

- **Output interfaces**

USB 2.0, ETHERNET

- **Working area dimensions**

H max 1.200 mm

H max with elevating screw 600 mm

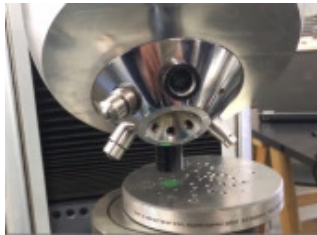
H max without elevating screw 800 mm

P 300 mm

Pictures and videos

In this section you will find the videos and pictures related to the selected product.

Video



Watch video



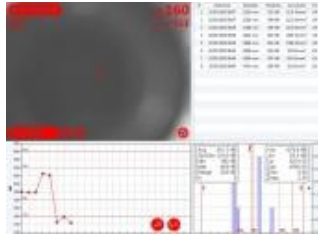
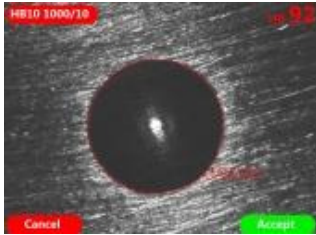
Watch video

Foto



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Accessories

In this section you will find our standard accessories as well as our optional accessories. Do you have the need for a specific solution you can't find here? Contact us, our technical office is at your disposal to suggest or develop the ideal solution for your needs.

Standard accessories



Yamamoto hardness block

- Flat anvil 60 mm dia.
- Flat anvil 120mm dia.
- 10mm ball penetrator
- 5mm ball penetrator
- 2.5mm ball penetrator

Optional accessories

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**V-anvil for rounds up to
200mm dia.**

Contacts

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