



Illustration: without standard nose cone

M4R 025 G3
M4R 250 G3

**Rockwell hardness
testing machines
of the 3rd generation**

EMO-TEST
YOUR FACTOR OF SAFETY.

Basic machine:

Rockwell hardness testing machine with test point lighting for all standardized and traditional hardness test methods such as HR/HBT/HVT as well as for plastic tests.

Rockwell, EN ISO 6508 / ASTM E18.

Repeating precision HRC ± 0.2

Test load ranges from 9.8 N – 2450 N.

Machine body made of cast iron and ergonomically designed.

Test anvil movement via hand wheel (M4R 025 G3) or motor-driven test anvil (M4R 250 G3).

Electronic test forces via load cell, closed loop and machine software.

Selection of the test method, tolerance limits and testing cycle time via LCD operating surface with touch screen.

Conversion of hardness values according to DIN EN ISO 18265 (DIN 50150).

The software includes extensive data management (import/export function) and statistics functions.

With the new generation of M4R hardness testing machines even the occasional testing of components is made very easy.

Advantages of the 3rd generation:

- Very easy to operate by optimum user guidance and self-explanatory menus.
- Easy selection of all settings via drop-down menus.
- The hardness tester automatically saves test parameters and test results.
- Clearly structured data management with efficient import and export functions.
- Report forms ready for printing via USB interface.
- Possibility to select user groups with different authorizations.
- Compatible to software ecos basis.

Technical data:

TFT LCD monitor 8.4“, 170 x 130 mm, 800 x 600 pixel.

Operation via touch screen with large and clearly arranged operating elements.

2 USB interfaces, 1 RS232 interface and 1 RJ45 100 MBit network interface (Ethernet) for the data transfer to PC or network.

Possibility to connect a printer to the USB interface to print reports (direct printout from the hardness testing machine without additional PC).

Easy extension possible due to modular system design.

Testing height and mount capacity: maximum 260 mm testing height – M4R 025 G3
 maximum 200 mm mount capacity – M4R 025 G3

 maximum 305 mm testing height – M4R 250 G3
 maximum 190 mm mount capacity – M4R 250 G3

Power supply: 230 V / 50/60 Hz
 110 V / 50/60 Hz

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