



ROMER MultiGage.
Do more whenever, wherever.

ROMER

From the originator of portable measuring arms.

<http://us.ROMER.com>



 **HEXAGON**
METROLOGY

ROMER MultiGage. Do more whenever, wherever.

ROMER'S all-new, easy-to-handle portable CMM, with its innovative design and ROMER-exclusive features such as Tungsten counterweight, WiFi, plug-and-measure probes, and no-nonsense plug-and-play MultiGage software make it the must-have 3D measurement tool for improving your productivity.



Accuracy values in a 1.2m sphere according to ISO 10360-2

$$E (\mu\text{m}) = 5 + L/40 \leq 18$$

$$R (\mu\text{m}) = 8$$

Designed exclusively for today's machine shop, the six-axis ROMER MultiGage is a portable precision CMM with a 1.2m measuring volume.

The new MultiGage is used for dimensional control of molds, parts, tooling, castings, and more. Its quick-mount system allows the CMM to be setup for on-demand measurement and inspection of parts or assemblies on your machine tool or anywhere on the shop floor.

New plug-and-measure probes

Using Swiss-made multi-wire connectors from TESA, the same type used on the TESASTAR-M motorized probe head, ROMER's long-standing automatic probe recognition feature is now coupled with a highly proven, robust kinematic joint connection. The probes are automatically recognized and identified by the software — just like on a large CMM — with no re-calibration of probes required when changing from probe to probe.

New innovative counterweight

Innovative counterweight design eliminates operator fatigue and assures the same high accuracy over the full range of measurements.

New wrist design

Ergonomic wrist with intuitive and easy-to-reach buttons provides superb comfort of use and increases productivity.

Easy installation and automatic report generation

No special installation required on-site; mount the MultiGage directly on your machine and inspect parts without removal. No previous metrology knowledge is required, and measurement reports are generated automatically.

Internal battery

Measure whenever, wherever: the MultiGage's internal battery grants you full autonomy of operation. Enjoy the same functionality on the shop floor as in the metrology lab — with no need for an external power supply.



Super-intuitive user interface with no-nonsense operation.





Complete system comprises:

- Six-axis ROMER MultiGage portable CMM
- Laptop PC
- MultiGage software
- USB cable
- Power supply and LiION battery
- 1-year warranty
- Qualification sphere
- 6 mm (0.24 in) TESA ruby sphere probe tip and 15 mm steel ball TKJ hard probes with quick disconnect and automatic probe identification

Optional accessories

- WiFi 802.11g
- Hard-sided Transport Case
- Certified length standard
- Probes
 - Ball probes— many sizes and lengths
 - Point Probes
 - TESASTAR-p/ -mp
- Mounting
 - Magnetic Base
 - Threaded Adapter
 - Mobile Inspection Cart
 - Vacuum mount

Power requirements

Universal worldwide voltage 110-240 V AC, 50/60 Hz

Laptop specifications

Operating System: Windows XP 32-bit

Display resolution: 1440 x 900

ROMER

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