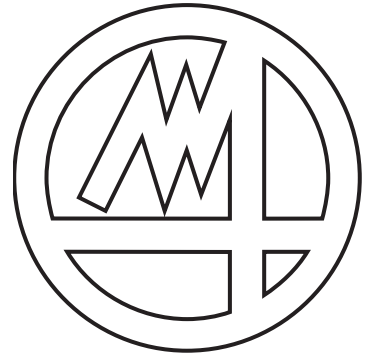


M2WAVE

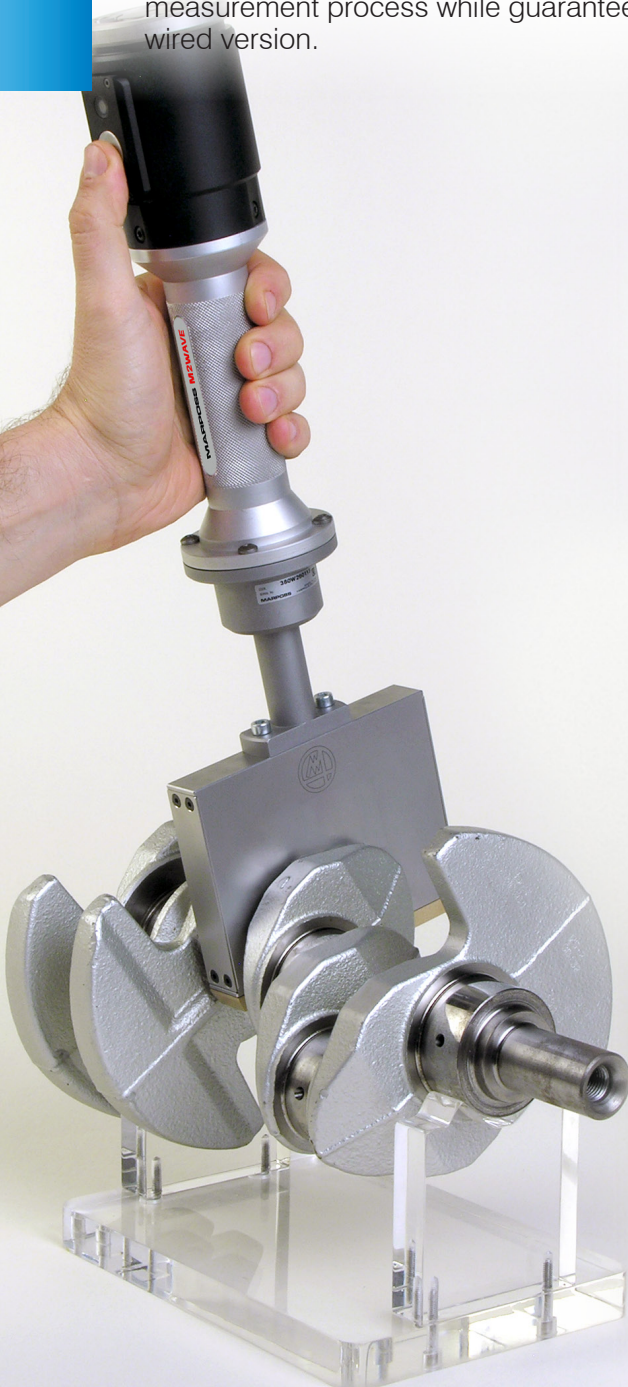


MARPOSS

WIRELESS ELECTRONIC MANUAL SNAP GAUGE

The M2 Wave is designed for all customers who consider devices connected to the display unit through cable as an obstacle, or simply as a discomfort, to use.

The M2 Wave eliminates operating problems related to cable length limits, entanglement or cable failures, leaving the operator the freedom to work without limitations in moving during the measurement process while guaranteeing the same excellent performance you will find in the wired version.



The Bluetooth® word mark and logos are owned by the Bluetooth SIG Inc. and any use of such marks by Marposs is under license. Other trademarks and trade names are those of their respective owners.

THE APPLICATION



The M2 Wave is an extremely precise electronic comparator developed to inspect outside diameters.

The M2 Wave is composed of a standard snap gauge connected directly to a special handle containing the Bluetooth® transmitter and the power supply Li-Ion inductive rechargeable batteries. By simply pressing the button on the top of the handle, real time measurement values are displayed on the receiving electronic unit. With the same button it is possible to store data in order to perform statistical elaborations and to control advanced cycles or guided sequences.

Due to its accuracy and ease in handling, the M2 Wave provides the automotive market with an essential product, suitable for any type of measurement performed on main bearings and pin bearings (from 1 to 3 diametrical measurements, ovality, barrel-shape and taper).

Designed for industrial production and while not requiring retooling or maintenance, the M2 Wave fully deserves the title of non-stop gauge.

The M2 Wave can be used with Marposs E9066™ industrial PCs and Merlin™ embedded gauge computers.

Communication software, developed by Marposs, is also available to allow connection of the M2 Wave to commercial computers.

TECHNICAL SPECIFICATIONS	
Part diameter ϕ	from 18 to 120 mm (from 0.71" to 4.72")
Width L	from 98 to 200 mm (from 3.86" to 7.87")
Thickness S	from 17.5 to 75 mm (from 0.70" to 2.95")
Minimum distance D between external measuring sections	5.4 mm (0.21") with 2 sections 10.8 mm (0.43") with 3 sections
Measuring force	from 0.4 to 0.7 N (from 1.41 to 2.47 oz)
Repeatability error (2.77 σ)	< MAX (10% of tolerance; 1 μ m - 0.000039" as absolute limit)
Minimum weight	2 Kg (4.4 lb)
Wireless range	up to 10 m (3.3 ft)
Working time	36 hours, continuous
Charging time	5-6 hours (2 hours at 80%)
Charging feature	programmable auto-shutdown

