

*For the simultaneous measurement in multiple sections*

The M1 Multi is a manual electronic plug-type gauge for measuring the diameter and geometry (ovality, taper, etc.) of a bore at multiple axial locations using two or four contacts at each location.

### ELECTRONIC MULTIPLE BORE GAUGE

The M1 Multi gauge plug consists of a nosepiece that guides the gauge in the bore to eliminate operator-induced variations and one or more measuring armsets. Each nosepiece and complement of armsets is application specific to meet customer requirements. Designed for use in the harshest production environments, the M1 Multi transducer features water, dirt and dust protection meeting the IP67 standard.

### AVAILABLE VERSIONS

M1 Multi is available in two versions:

- with cable, for connection to electronic interface units
- wireless, utilizing Marposs "Wave" transmission technology with Li-Ion batteries and inductive recharging system.

M1 Multi is available on request.

## TECHNICAL SPECIFICATIONS

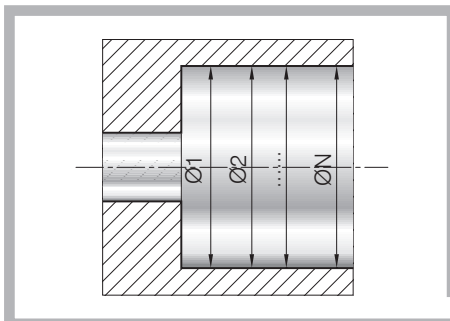
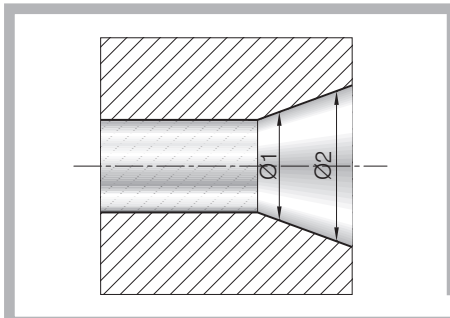
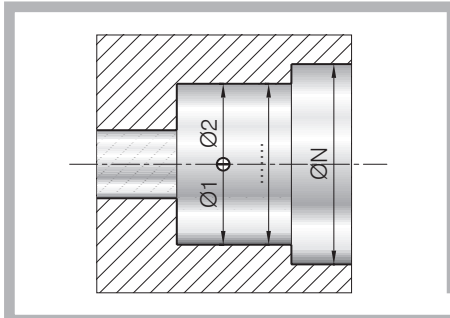
Protection degree	IP67
Repeatability error (range)*	Max. (10% of tolerance; 1,5 micron)

\* to be confirmed for the specific application and technical solution.


## TECHNICAL SPECIFICATIONS OF THE WIRELESS VERSION

Transmission technology	Bluetooth® wireless technology
Transmission distance	10 m
Battery charge duration	up to 36 h in continuous operation
Recharging technology	Contactless recharging system with inductive technology
Recharging time	5-6 hours (80% in 2 hours)
Max. number of manageable signals	7 transducers

## APPLICATION EXAMPLES



## RECHARGEABLE STAND FOR MULTIWAVE

	DESCRIPTION	ORDER CODE
	Rechargeable Stand for Multiwave handle*	2T0IRBS005

\* Compatibility to be verified for extra large dimension gauges.

For a full list of address locations, please consult the Marposs official website

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