WIRELESS INTERFACE HANDLE

I-Wave™ is an interface handle featuring *Bluetooth*® transmission technology, which allows mechanical gauges to be interfaced wireless to various electronic displays.
Any mechanical gauge head with M10, M6 or M3,5 thread can be mounted very quickly by means of an adapter. By simply pressing the button on top of the handle, the measured value is displayed in real time on the electronic unit.

MAIN CHARACTERISTICS

- The robust and reliable Star-Lock system allows gauge head changeover in just few seconds, without need of any tool.
- Wireless offers following advantages: No cable entanglement or breaks, ergonomic operations, measuring directly at the machine.
- The I-Wave handle contains the *Bluetooth*® transmitter and power supply batteries. It is available with standard “C” alkaline or Li-Ion inductive rechargeable batteries, allowing approx. 220 or 40 hours continuous working time respectively.
- The I-Wave guarantees excellent repeatability of 1 micron or .000040 inch.
- Thanks to IP67 protection rating it can be used even in severe shop floor environments.
- The measurement value is transmitted at a distance of up to 10m to the associated electronic display unit. This is done even in the manufacturing environment in a safe and reliable way.

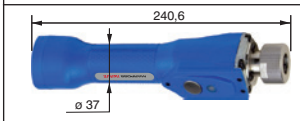
ELECTRONIC INTERFACES

The I-Wave communicates wirelessly to *Bluetooth*® enabled MARPOSS electronic displays and measurement units, such as: Nemo, Merlin, Merlin Plus, Merlin Plus Box, E9066. Communication software, developed by MARPOSS, is also available to allow connection of the I-Wave to commercial computers.

TECHNICAL SPECIFICATIONS

BATTERIES		PROTECT. DEGREE	COMMUNIC. DISTANCE	WEIGHT
TYPE	MIN. DURATION	IP67	*Bluetooth*® Class 2 (10m)	730g
Alkaline Type "C"	220 hours*			
Inductive Li-Ion**	40 hours*			

* The duration of the batteries can be further increased up to several months in normal operating conditions by means of the programmable auto-shutdown option (Power Safe mode).
**For a full charge of the battery 5 to 6 hours are required. 2 hours are enough to reach 80% of the full charge.

	DESCRIPTION	ORDER CODE
	I-Wave Handle with alkaline batteries (one adapter for plug heads with M6 and M10 thread is included in the supply) (*)	3TJ0SFB000
	I-Wave Handle with Li-Ion inductive batteries (one adapter for plug heads with M6 and M10 thread is included in the supply) (*)	3TJ0SFI000
	"Clip On" manual charger for I-Wave handle with Li-Ion batteries	2T0IRMS001
	Stand with battery charger for I-Wave handle with Li-Ion batteries	2T0IRBS001
	Power supply unit for one stand with battery charger	2T0IRCS010
	Power supply unit and junction box for up to four stands with charger	2T0IRSS010

(*) M3,5 and third party gauge heads adapters are available on request.

BATTERY CHARGER APPLICATION EXAMPLES


"Clip on" charger


Charging station

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