

# MG digitalarcmeter





**1 key** Power on / off

**2 button** scroll menu. Pressing it flows in the various programmable features, which when selected will blink.

**3 key** change option / Hold

#### RESET measure

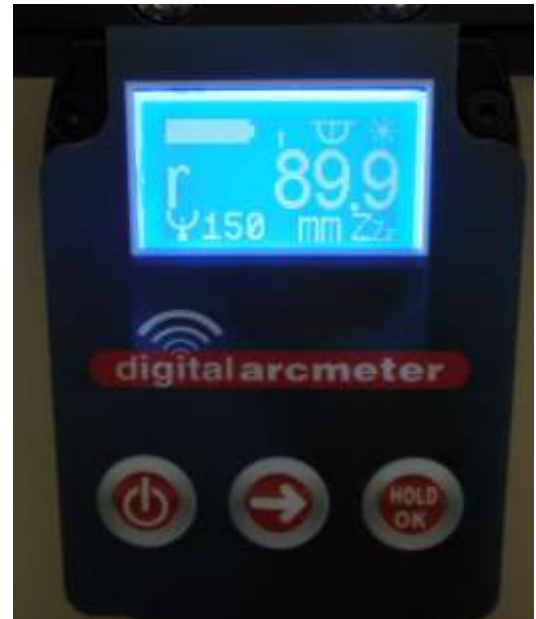
Press the 2 key until the symbol 6 flashes. Press the button to select option 3 h and confirm by pressing 2.

Press the 2 key and flash the symbol 4. Stand on a perfectly 180° and press the 3 key.

### Backlight

Press the 2 key twice and flash the symbol.

5 Press the button to select “Hold” (3) “low light” or “high brightness”.



### Size headband

Press the 2 key and flash the three-digit number (7). The choices are 150 (default), 300, 450, 600, selectable by pressing “Hold” (3).

### Unit of measurement

Press the 2 key and flash the symbol (8). Select with “Hold” (3). Possible options: mm (millimeters) and (inches).

### Auto power off

After 5' passes, but within the next 90', MGarcmeter switch on again with only the tilting movement.

After 90' the power-off will be hardware and, therefore, to turn it on will need to press the on / off.

### Gyro sensor

Overturning the instrument, the numbers on the display will automatically be reversed to facilitate the maximum reading data.



### Potentiometric transducer

The instrument is equipped with a potentiometric transducer to high precision, linearity having 00:05%, corresponding to 0.03 mm

### Range measurement minimal/maximum

	Min Interno	Min Esterno	Max	Precisione (su raggio massimo)
150	120.5	135.4	5000	5%
300	400	533	20000	5%
450	872	1194	32000	3.8%
600	1532	2121	32000	2.1%

Ipotizzando precisione assoluta misura lunghezza 0.03mm

Min Interno = internal minimal

Min esterno = external minimal

Precisione (su raggio massimo) accuracy on maximum radius

Absolute precision = 0.03mm

