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Marking Thickness Gauge

User Manual

Digital measurement of pavement marking thickness





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1. GENERAL INFORMATION

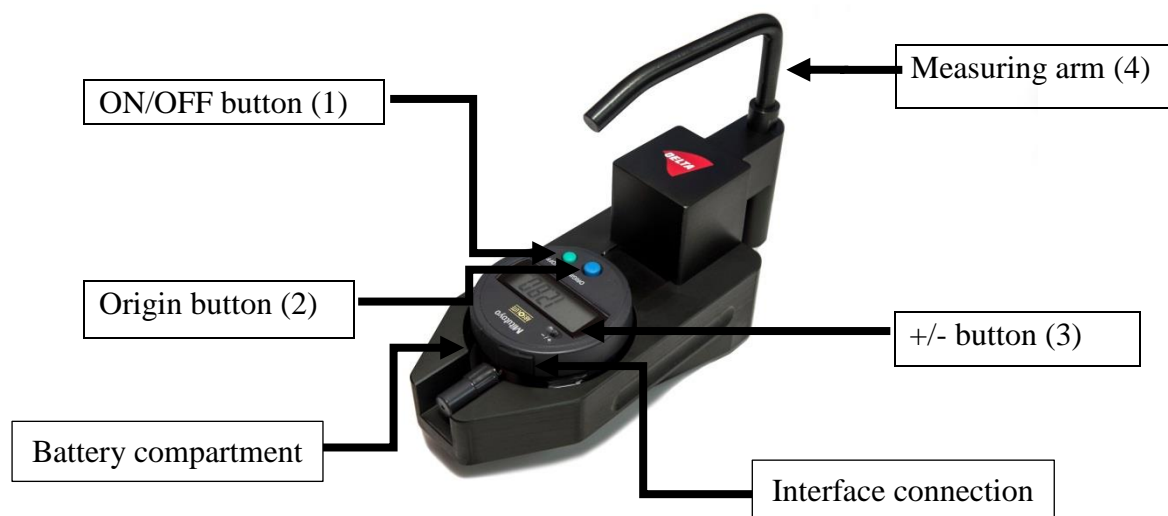
The Marking Thickness Gauge is a digital device to measure the thickness of pavement markings dry after application. The Marking Thickness Gauge is a robust instrument which will last many years if handled with care and transported in the original transportation box.

The Marking Thickness Gauge has a measurement range of -12.7 mm to +12.7 mm or -0.5 inch to +0.5 inch.

2. CALIBRATION

Calibration of the Marking Thickness Gauge (MTG) is done by the following steps:

1. Place the MTG on an even surface of the object to be measured.
2. Switch on the digital indicator by pushing the green ON/OFF button (1).
3. Hold the MTG with one hand and push the measuring arm (4) down with the other hand until it reaches the surface.
4. Press the blue origin button (2) as far as it will go and keep it for 2 seconds. The display will now show 0.00. The instrument is ready to measure.
5. By pushing the +/- button (3) the display can show + or – values as required.



3. MEASURING PROCEDURE

To measure the thickness of a pavement marking make the following steps.

1. Switch on the MTG.
2. Calibrate the MTG as described in section 2.
3. Place the MTG besides the marking to be measured.
4. Press the measurement arm downwards until the arm firmly touches the marking, then read the measured value.



4. BATTERY REPLACEMENT

The MTG uses a silver oxide battery (SR44)

1. Remove the battery holder by using a screwdriver or the like
2. Remove the current battery
3. Set a new battery into the holder with its positive (+) side facing the front
4. Set the battery holder into its original position

5. INTERFACE – DATA TRANSFER

Information to be provided.

6. DELIVERY

The following parts are contained in the Marking Thickness Gauge delivery:

- * 1 Marking Thickness Gauge
- * 1 Transportation box
- * 1 User manual



During carriage the MTG is to be handled with proper care. DELTA recommends to transport and store the instrument in the original transportation box. If the instrument should be damaged, contact DELTA or one of our authorised dealers for assistance.



7. SPECIFICATIONS

Dimensions180 x 70 x 130 mm / 7.1 x 2.8 x 5.1 inch
Weight950 gr / 2.1 lbs
MaterialStainless steel

Mitutoyo Absolute Digimatic Indicator

Resolution0.01 mm
Range+/- 12.7 mm / 0.5 inch
Accuracy0.02 mm
Display.....LED

Battery

Battery IDSR44
Battery type silver oxide
Battery life.....Approx. 20.000 hours under normal use

Dust / water protection level.....IP42

Warranty.....2 years