

## **Coating Thickness Gauge GL-mini**

### **Operation Manual**



**Before using the device, please read this operation manual.**

The price of this product includes the recycling fee of 0,10 PLN.

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**1. Technical specifications**

Basic specifications of the device:

- measurement on steel, galvanized steel and aluminum;
- measurement resolution: 10µm;
- measurement range: from 0µm to 1050µm;
- zeroing function;
- seven-segment and four-digit LED display, digits lit automatically;
- flexible measuring sensor, fixed elastically;
- automatic shut-off after longer idleness;
- powered by two 1,5V AAA, R3 alkaline batteries or two compatible rechargeable batteries AAA, R3;
- 24 months guarantee.

Kit contents:

- coating thickness gauge GL-mini
- calibration sheet
- batteries
- operating manual

**2. Getting started**

Coating thickness gauge GL-mini is designed to measure the thickness of a steel, galvanized steel or aluminum sheet paint coating. The device has lightening digits which makes measuring in places with insufficient light (e.g. in a garage) much easier. Thank to improved technical solutions, the gauges power consumption is very slight. It takes only two AAA, R3 batteries. The extent of the device is one of the smallest in the market. The measuring sensor hides 2-3mm into the casing and deflects few degrees aside. Thanks to that the measuring sensor adjoins the measuring surface more constant. It makes one hand measurement possible.

**Zeroing function (calibration)**

Before You start to take measurements, please check whether the gauge is calibrated. Please note that zeroing is recommended when the measurement conditions are changing (e.g. the temperature or humidity rises or falls)

**Changing the battery**

If the battery is low it needs to be replaced immediately. Please use only type AAA (R3) alkaline batteries. Take away the battery cover placed at the back of the device and replace the

battery. If the battery is empty, it is impossible to turn the device on or the device turns off automatically.

**CAUTION!**

**1. Use only alkaline batteries as normal batteries provide insufficient power.**

To take a measurement please put the device's sensor against the examined surface. The sensor should adhere as flat as possible. The examined surface should be clean and smooth, otherwise the measurement result may be incorrect.

### **3. Gauge manual**

The device is operated with one button.

#### **On function**

To turn the gauge on please press the button for about 1 second. After a while, from the right side of the screen, two dots appear and disappear one after another. It means that the device has just started working. When “-“ appears on the screen the device is ready to work.

#### **Select the type of sheet**

The gauge is ready to measure the thickness of galvanized steel and aluminium – nowadays most cars' material that have been produced for 10 years. In order to change the measured material into steel please press the button for a while. The display shows then “FE” note which is a symbol of pure steel. To restore the previous settings please press the button for a while. The display shows “Zn:Al” note which is a symbol of galvanized steel and aluminium. If You turn the device off and turn it on again, it always has the factory settings “Zn:Al”.

#### **Measure function**

In order to take the measurement put the sensor against the bodywork and push slightly. The result of the measurement will be shown on the display.

#### **Off function**

To turn the gauge off please press the button for about 2 seconds. The “OFF” note will be shown on the screen. Moreover the gauge turns off automatically after one minute inactiveness.

#### **Zeroing function (calibration)**

Before You start to take measurements, please check whether the gauge is calibrated. To do it properly, please press the button until “00” note appears on the screen. Then push the sensor against the calibration sheet and hold it. The calibration progress will be shown on the display (“33”, “66”, “100”). During the procedure the gauge must be tightened continuously to the surface.

# Guarantee

## GL-mini

1. The guarantee period of this device is 24 months from the date of purchase.
2. Within this period the Producer guarantees a reliable function of the device, if operated correctly.
3. The Producer takes responsibility for all workmanship or material defects within 24 months.
4. All defects will be repaired within 30 days since the device has been accepted by the Service.
5. The guarantee period will be prolonged by the time the device has been handled by the Service.
6. The device shall be delivered to the Service with all the standard equipment, clean and with readable button's description.
7. The guarantee will be treated as valid only with the date of purchase and with the stamp, or signature of the Producer filled out.
8. In case the device has to be shipped to the Producer, it happens on the shipper's responsibility and cost.
9. The device will be not accepted by the Service if pt. 6 is not kept, if the defect is of no workmanship or material nature, if the warranty card is not filled out, or the device is delivered with broken seal.
10. This guarantee shall not apply to damage caused through fire, accident, misuse, incorrect adjustment or repair, installation, modifications, or use in an improper way or inconsistent with the technical and safety standards required for its operation.
11. All defects mentioned in pt. 10 can be repaired, if previously agreed with the Service. The cost depends on the nature of the defect.
12. After the guarantee period expires, defects can be repaired, if previously agreed with the Service. The cost depends on the nature of the defect.
13. The guarantee is only valid with filled out date of purchase, stamp or signature of the Producer and with an appropriate receipt.

Date of purchase:

Stamp / Signature:

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If the device is marked with this symbol, it means that it must not be disposed with other household waste. Electrical and electronic equipment must be collected for recycling reasons. Getting rid of waste in a proper manner, will help to eliminate danger to the environment and human health. Recycling of used materials protects the natural environment. More information on recycling can be obtained from local authorities, waste exporting company or dealer.