



# PAINT THICKNESS GAUGE

MODEL NO: TA091

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions

## **BATTERY WARNING**

**KEEP OUT OF REACH OF CHILDREN**  
Swallowing can lead to chemical burns, perforating of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.



## 1. SAFETY

- ❑ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this gauge in workshop or bodyshop environments.
- ✓ Take extra care if the vehicle is jacked up or on a raised ramp/hoist.
- ✓ Maintain correct balance and footing at all times. Ensure floor/road surface is not slippery and wear non-slip shoes.
- ✓ If the vehicle is parked on a road, observe normal pedestrian precautions before working in the road, especially on the offside of the vehicle.
- ✗ **DO NOT** use when you are tired, under the influence of alcohol, drugs or intoxicating medication.

## 2. INTRODUCTION

Ideal for the showroom, bodyshop and valeting bay to accurately verify the thickness of paint and check for accident damage. Uses magnetic induction to provide accurate and consistent readings to 0.1mm. Suitable for iron, steel and aluminium with non-magnetic coatings including paint, enamel, plastic and epoxy. Displays measurement in mm. Powered by CR2032 3V battery (supplied).

## 3. SPECIFICATION

Model No.....TA091  
 Accuracy .....±2%  
 Graduations ..... 0.1mm  
 Range .....0-2mm

## 4. OPERATION

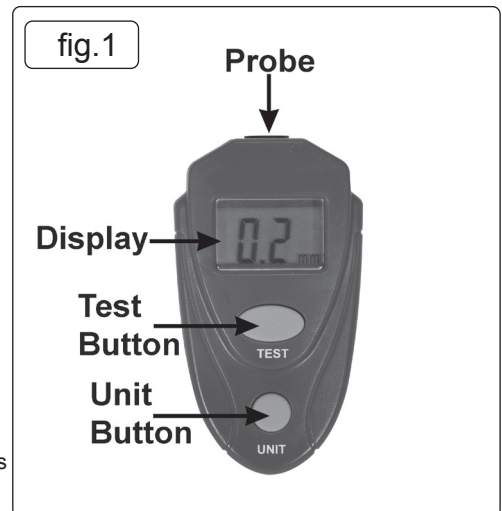
- 4.1. Hold the tester and make sure that it is at least 20cm away from the object to be tested and other objects. Then press the 'TEST' button to turn on the tester. '- -' appears on the display and flashes, then 'mm' appears.
- 4.2. Press the 'UNIT' button to select the desired unit - 'mm' or 'mil'.
- 4.3. Place the tester's probe perpendicular to the surface to be tested, the display will show the coating thickness.
  - If the display shows '- -', it means the tester does not detect any iron, steel or aluminium substrate.
  - If the display shows 'OL', it means that the coating thickness exceeds the tester's measuring range.
  - If the display shows ' - O', it means that the probe has wear or substrate under the coatings or it may be of a metal other than iron, steel or aluminium.
- 4.4. When you measure, the reading will remain on the display, move the tester away and press 'TEST' to delete the reading, the display will show '- -'.
- 4.5. If it does not detect the presence of iron, steel or aluminium in about thirty seconds, it will turn itself off automatically. To turn the tester off manually, press and hold down the 'TEST' button for one second.

**NOTE:** If the temperature changes during measurement turn off the tester and turn it on again and then make the measurement immediately. This will ensure measurement accuracy.

Different kinds of steel have different magnetic susceptibilities and conductivities, so the measurement results of coatings on different kinds of steel (substrate) may be different, even if these coating thicknesses are the same. For coatings on steel, measurement results can only be used for non-critical reference.

## 5. BATTERY REPLACEMENT

- 5.1. When the low battery indicator appears on the display, the battery must be replaced immediately.
- 5.2. Make sure the tester has turned off, then rotate the battery cover in the direction indicated by the arrows on the battery cover.
- 5.3. Tap the tester on your palm to remove the battery cover and the battery will fall out.
- 5.4. Install a new cell of the same type (3V button cell, CR2032 or equivalent), make sure the positive terminal of the button cell will face the battery cover when the cover is installed.





#### WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



#### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



#### BATTERY REMOVAL SEE SECTION 4

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd Batteries Producer Registration Number (BPRN) is BPRN00705.

**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

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