



# DUAL READING DIGITAL DIAL BORE GAUGE

MODEL NO: **DBG506D**

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 instruction manual

## 1. SAFETY

- ❑ **WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools and equipment.
- ✓ Avoid shocks, impact, dropping etc.
- ✗ **DO NOT** use the dial bore gauge if damaged.
- ✗ **DO NOT** remove output connector lid, without using the output interface. Output should never be connected to anything metal. Doing so could damage the dial indicator.
- ✗ **DO NOT** connect any part of the dial indicator to a voltage source. Doing so will damage the circuits within.
- ✓ This is a precision instrument, always return gauge components to the storage case.
- ✓ Remove the battery if the dial indicator is not used for a long period of time.
- ✓ Keep indicator face clean and dry.
- ✓ Maintain the gauge in good and clean condition for best and safest performance.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting.
- ✓ Ensure the work area floor is not slippery; wear non slip shoes.
- ✓ Components to be measured and the dial bore gauge to be stored at room temperature (21°C).

## 2. INTRODUCTION

Digital dial bore gauge for use in precision engineering. Digital display shows both metric and imperial measurements. Measuring range between 0-25.4mm. Features lugged back plate for mounting on magnetic bases.

## 3. SPECIFICATION

Model no .....DBG506D  
 Deflection/travel .....0-25.4mm  
 Graduation .....0.01mm

## 4. FEATURES

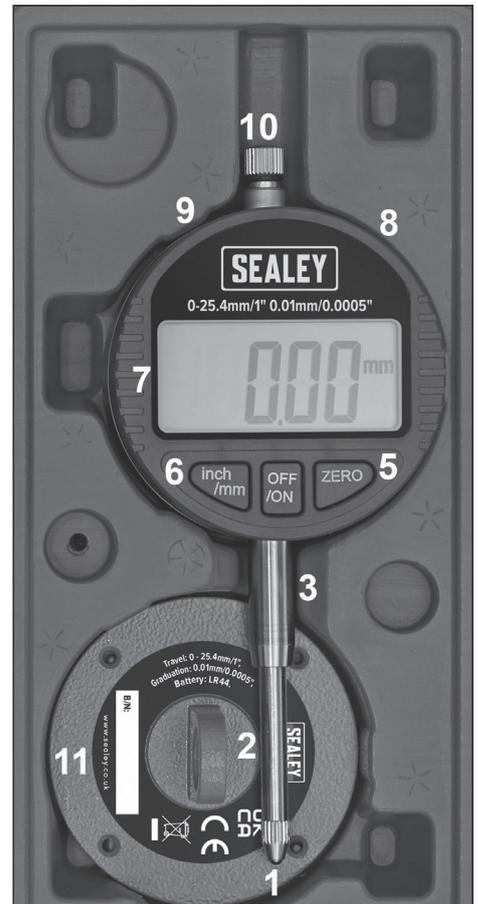
1. Contact point
2. Spindle
3. Mounting diameter
4. On/off switch
5. Zero-setting
6. Inch/mm switch
7. LCD display
8. Data output interface
9. Battery compartment
10. Dust cap
11. Back cover/lug

## 5. FUNCTION

- 5.1. Can be zeroed in any position.
- 5.2. Metric/imperial can be changed at any point.
- 5.3. Has two types of data output interfaces: normal or micro USB.

## 6. OPERATION

- 6.1. Clean the contact point spindle with a soft cloth before use.
- 6.2. Press the On/off switch, the 0.00mm or 0.000mm display appears and the dial indicator is ready for measurement.
- 6.3. **BATTERY REPLACEMENT**  
Remove battery compartment lid and replace battery (SR44) with its positive (+) side upwards.



## 7. TROUBLESHOOTING

Problem	Cause	Solution
All digits appear simultaneously and change rapidly	Battery power low	Replace battery
Display does not work (only when changing the battery)	Poor voltage when replacing battery	Remove battery and replace it after 30 seconds
Reading error for full length is $\leq 0.1\text{mm}$	Dirt has damaged/covered sensor	Remove cover and slider assembly.
Nothing appears on the LCD	Poor battery contact or battery voltage is under 1.1V	Check battery contact or replace battery



### 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.

**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.

Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR



01284 757500



01284 703534



sales@sealey.co.uk



www.sealey.co.uk