



# 100MM/4" DIGITAL BRAKE DISC CALIPER

MODEL NO: VS0561

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



Wear protective gloves



Wear eye protection

## 1. SAFETY

- WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools and equipment.
- DO NOT** use caliper if damaged.
- Maintain caliper in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Keep children and unauthorised persons away from the work area.
- DO NOT** use the caliper for any purpose other than for which it is designed.
- DO NOT** get caliper wet or use in damp or wet locations, or areas where there is condensation. Keep caliper clean and dry using a dry cotton cloth only.
- DO NOT** dip or submerge the caliper in any type of liquid.
- DO NOT** expose caliper to bright sunlight or dust.
- DO NOT** dis-assemble caliper. The caliper must be checked by qualified service personnel only.
- DO NOT** apply any voltage to the caliper i.e. with an electric marker pen.
- The caliper is a precision instrument. Treat with care, avoid using force and do not subject to knocks or shocks.
- Take particular care not to damage or scratch the scale surface.
- Use caliper in reasonably constant temperature conditions of approximately 20°C.
- When not in use, turn off and store caliper in a safe, dry, childproof location.

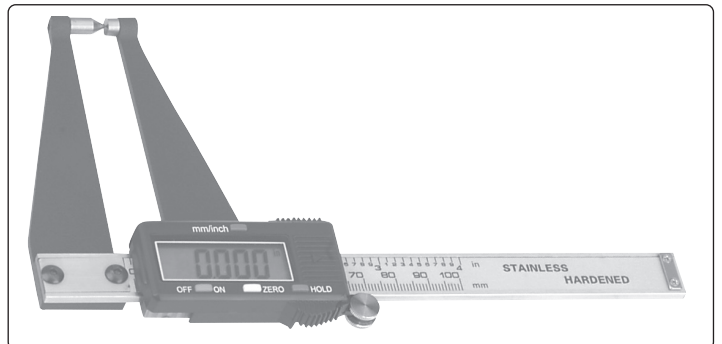
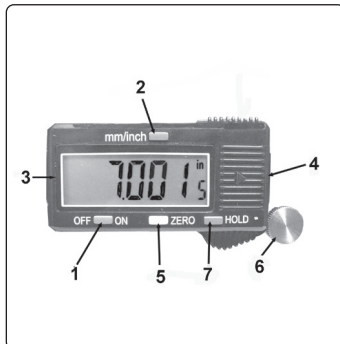
## 2. INTRODUCTION

Hardened and tempered stainless steel gauge, 11mm high figures in LCD display for ease of reading. Metric or Imperial read-out with "Hold" function. Zero setting control allows for comparative measurement. Include serial port connection for computer interface. Supplied in carry case.

## 3. SPECIFICATION

Model No: ..... VS0561  
 Accuracy: ..... ±0.02mm(0.001")  
 Battery: ..... 2 x LR44 - 1.5V (supplied)  
 Range: ..... 0-100mm(0-4")  
 Resolution: ..... 0.01mm(0.0005")

1. "ON / OFF"
2. "mm / inch"
3. RS-232 connection
4. Battery Cover
5. "Zero"
6. Thumb wheel
7. "HOLD"



## 4. OPERATION

### 4.1. General

- 4.1.1. Ensure all measuring surfaces are clean and then turn on caliper by pressing On-Off switch. Wait at least one second before use.
- 4.1.2. Use the mm/Inch button to toggle between inches and mm at any time.
- 4.1.3. Press Hold button to hold displayed reading.
- 4.1.4. Press the Zero button at any time to zero the reading.

☐ **WARNING!** Ensure that you have read and understood Section 1 safety instructions before commencing.

### 4.2. Measuring Disk.

- 4.2.1. To measure unscored surfaces.
- 4.2.2. Close the calliper and zero the reading. Place the calipers jaws so the anvils make contact with each side of the disk.
- 4.2.3. The displayed reading will be the disk width.

### 4.3. To measure scored surfaces.

- 4.3.1. Close the calipers and zero the reading, place the calipers either side the disk with the pointed anvil in the score,
- 4.3.2. The displayed reading will be the disk width inclusive of the score.

### 4.4. To measure depth of score.

- 4.4.1. Measure the disc width next to the score and take a reading.
- 4.4.2. Zero the reading and measure the disk width with the pointed anvils in the score.
- 4.4.3. The displayed reading will be the score depth.

**NOTE:** If the disk falls outside of the manufacturer's specifications, it should not be machined but withdrawn from use and a new replacement meeting the manufacturer's specifications employed.

## 5. BATTERY FITTING

### 5.1. Fitting a new battery (fig.1)

A flashing display indicates that the battery is exhausted - replace as follows:

1. Remove battery cover by sliding backward and lifting the lower edge.
2. Remove exhausted battery and fit replacement with +ve side uppermost.
3. Dispose of old battery in a safe and approved manner. Do not burn.



### 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.



### BATTERY REMOVAL

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.



### 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.



REGISTER YOUR PURCHASE HERE

**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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