

**DIGITAL BRAKE Disc
CALLIPER 100mm/4"****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, AND CAUTIONS. USE THIS 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.

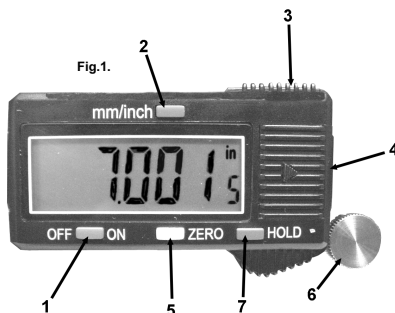
1. SAFETY INSTRUCTIONS

- ❑ **WARNING! Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools and equipment.**
- ✗ **DO NOT** use calliper if damaged.
- ✓ Maintain calliper 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 calliper for any purpose other than for which it is designed.
- ✗ **DO NOT** get calliper wet or use in damp or wet locations, or areas where there is condensation. Keep calliper clean and dry using a dry cotton cloth only.
- ✗ **DO NOT** dip or submerge the calliper in any type of liquid.
- ✗ **DO NOT** expose calliper to bright sunlight or dust.
- ✗ **DO NOT** dis-assemble calliper. The calliper must be checked by qualified service personnel only.
- ✗ **DO NOT** apply any voltage to the calliper i.e. with an electric marker pen.
- ✓ The calliper 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 calliper in reasonably constant temperature conditions of approximately 20°C.
- ✓ When not in use, **turn off** and store calliper in a safe, dry, childproof location.

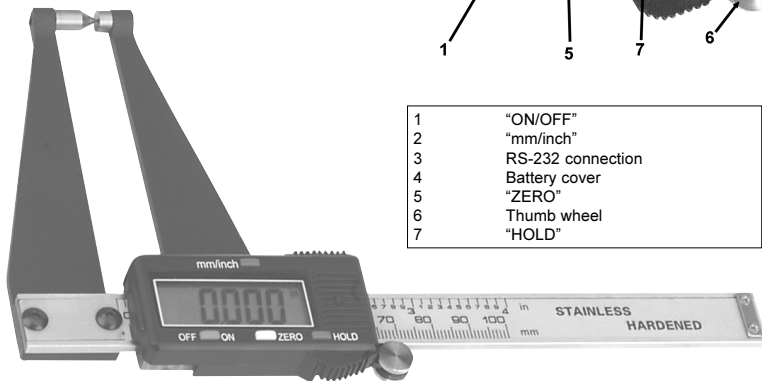
2. INTRODUCTION & SPECIFICATION

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.

Specification	Vernier Calliper
Resolution	0.01mm (0.0005")
Range	0-100mm (0-4")
Accuracy	±0.02mm (±0.001")
Functions	Zero set, mm/inch select, Hold
Battery type	SR44 (1.5V)
Operating temp	0 - +40°



- | | |
|---|-------------------|
| 1 | "ON/OFF" |
| 2 | "mm/inch" |
| 3 | RS-232 connection |
| 4 | Battery cover |
| 5 | "ZERO" |
| 6 | Thumb wheel |
| 7 | "HOLD" |



3. OPERATION

3.1 General

- 3.1.1 Ensure all measuring surfaces are clean and then turn on calliper by pressing 'On-Off' switch. Wait at least one second before use.
- 3.1.2 Use the "mm/Inch" button to toggle between inches and mm at any time.
- 3.1.3 Press "Hold button" to hold displayed reading.
- 3.1.4 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.

3.2 Measuring Disk.

3.2.1 To measure unscored surfaces.

- 3.2.2 Close the calliper and zero the reading. Place the callipers jaws so the anvils make contact with each side of the disk.
- 3.2.4 The displayed reading will be the disk width.

3.3 To measure scored surfaces.

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

3.4 To measure depth of score.

- 3.4.1 Measure the disc width next to the score and take a reading.
- 3.4.2 Zero the reading and measure the disk width with the pointed anvils in the score.
- 3.4.3 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.

4. BATTERY FITTING

Fitting a new battery.

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**.

If the display fails to alter when the slide is moved, remove the battery, wait

Fig.5.

