



INSTRUCTIONS FOR
**DIGITAL BRAKE DISC
 CALIPER**
 0-150mm/0-6 inch

Thank you for purchasing our 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.

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

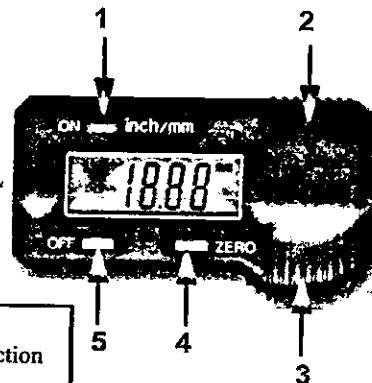
■ **WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools and equipment.

- × **DO NOT** use 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 calliper 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 & SPECIFICATIONS

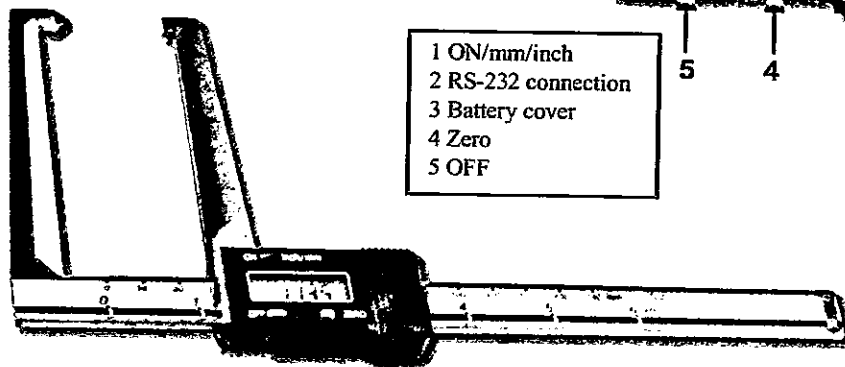
Hardened and tempered stainless steel gauge, High figures in LCD display for ease of reading. Metric or Imperial read-out. Zero setting control allows for comparative measurement. Supplied in carry case.

Specification	Digital Brake Disc Caliper
Resolution	0.01mm (0.0005inch.)
Range	0-150mm (0-6inch.)
Accuracy	± 0.03mm (± 0.001 inch.)
Functions	Zero set, mm/inch select
Battery type	SR44/LR44/AG13 (1.5V)
Operating temp	0 - + 40 °C



- 1 ON/mm/inch
- 2 RS-232 connection
- 3 Battery cover
- 4 Zero
- 5 OFF

Fig.1.



3. OPERATION

3.1.1 Ensure all measuring surfaces are clean and then turn on caliper by pressing "On" button. 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 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 caliper 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 calipers 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.*

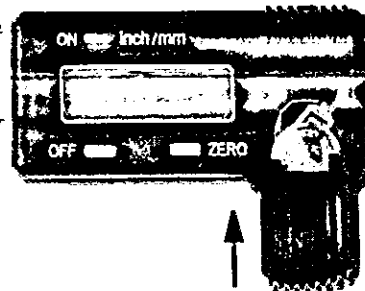
4. BATTERY FITTING

Fitting a new battery.

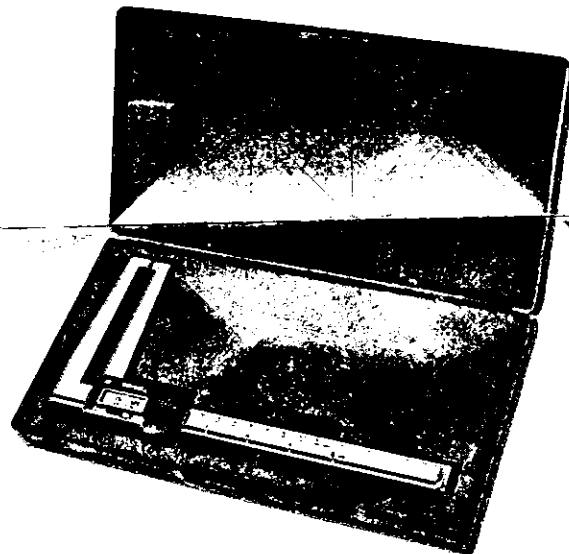
A flashing display indicates that the battery is exhausted - replace as follows:

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 for around 3 minutes, then fit the battery again.



▲ Fig.2.



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 product.