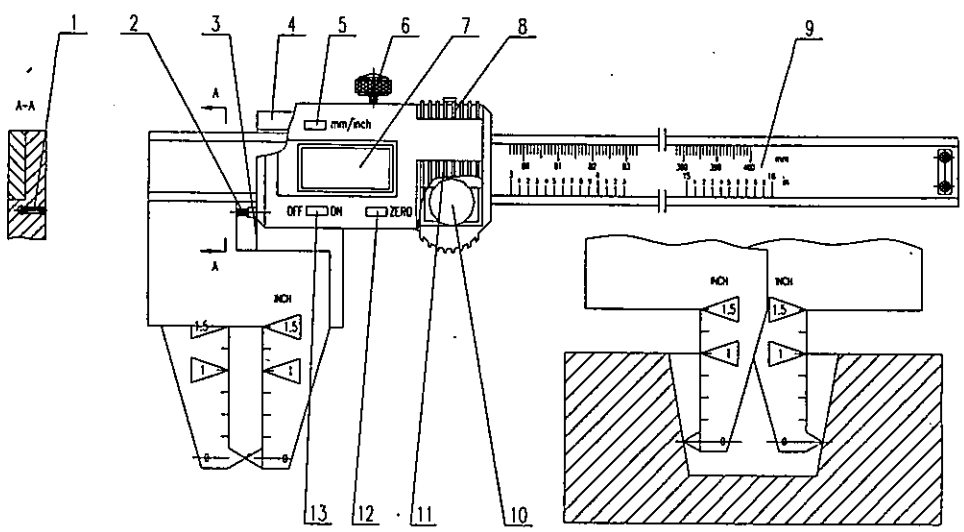
DIGITAL BRAKE DRUM GAUGE

OPERATION INSTRUCTIONS

- TECHNICAL SPECIFICATIONS

  Measuring range: 400mm/16"
  Resolution: 0.01 mm/0.0005"
  Repeatability: 0.01mm/0.0005"
  Max. measuring speed: 1.5m/sec., 60"/sec.
  Power: one silver oxide button battery, 1.55V
  Working temperature: 0 ~+ 40 ℃
  Relative humidity: <80%
  Storage temperature: - 10 ℃ ~+60 ℃

- PARTS DIAGRAM



Measurement

1. Zero setting locking screw
2.Zero setting screw
3.Zero setting face
4.Slider
5.mm/inch interchange button
6.Slider locking screw
7.LCD display screen
8.Data output
9.Scale
10.Silver oxide button battery
11 .Battery cover
12.ZERO setting button
13.Power OFF/ON button

● INSTRUCTIONS

1. Slider can be moved only after the slider locking screw (6) is loosened.
2. Before using the Digital Brake Drum Gauge, clean all the measuring faces and the scale with dry and clean cloth (or soaked with cleaning oil). No organic solutions are allowed.
3. Never apply voltage on any part of the Digital Brake Dram Gauge or engrave with an electronic pen for fear of damaging the electronics.
4. The Digital Brake Drum Gauge is a precision measuring tool. It should be kept away from strike, shock or drop to avoid damaging its precision or electronics,
5. The data can be input into computers with an Interface.
6. Take out the battery if the Digital Brake Drum Gauge will stay idle for a long time.

● BUTTON FUNCTIONS

1. OFF/ON button: Press this button to switch off/on the Digital Brake Drum Gauge.
2. mm/inch button: Metric and Inch system interchange at any location
3. ZERO button: Press this button to set zero at any location

● OPERATIONS

Measurement:

1. Press OFF/ON button to switch on the Digital Brake Drum Gauge.
2. Press mm/inch button to choose mm or inch system.
3. Loosen the slider locking screw (6) and move the slider until the zero setting face (3) touches the zero setting screw (2), then press ZERO button to set zero.

Remarks:

If the zero setting screw (2) should need to be adjusted, loosen the zero setting locking screw (1) with a screwdriver and adjust the position of zero setting screw (2). After adjusting, lock the zero setting locking screw (1). Measure the distance between two contact points with a set of gauge blocks or a micrometer (with fixed internal dimension 25mm). If the LCD also shows 25mm, it means the zero setting screw's position has been adjusted correctly.

● BATTERY REPLACEMENT

When the display keeps flashing or even does not appear, take off the battery cover as the arrow shows and replace the battery with a new one (1.55V). Please note that the positive pole of the battery must face out.

● TROUBLE SHOOTING

Failure	Possible Causes	Solutions
All fthe digits flash simultaneously, about once per second	Low voltage	Replace the battery
No display	1. Low voltage 2. Battery in poor contact	1. Replace the battery 2. Adjust and clean the battery seat
Display doesn't change when the slider is moved	Accidental trouble in circuit	Take out the battery and reset it after 30 seconds.