

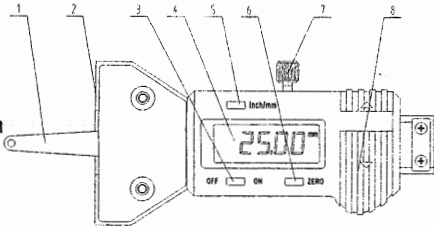
# DIGITAL TIRE DEPTH GAUGE

## ● TECHNICAL SPECIFICATIONS

- Measuring range: 0-25mm/0-1in  
 Resolution: 0.01mm/0.0005in.  
 Accuracy:  $\leq 0.05\text{mm}/0.002\text{in}$   
 Measuring system: Linear capacitive measuring system.  
 Display: LCD display.  
 Power: One silver oxide battery 1.55V, type SR44.  
 Working temperature: 5 °C-40 °C/41 to 104 degree F.  
 Influence of humidity: Not important under 80% of relative humidity.

## ● STRUCTURE

- Slide Beam
- Measuring Face
- Power ON/OFF switch
- Display(LCD)
- Inch/mm-conversion-switch
- ZERO switch
- Locking screw
- Battery compartment lid



## ● APPLICATIONS

### 1.PREPARATIONS :

- Slide beam can be removed only after the locking screw (No.7) is loosened.
- Wipe clean all the measuring faces and slide beam surface. No organic solutions are allowed.
- Check to see if all the buttons, switches, and LCD display respond well.

### 2.MEASURING METHODS :

- Loosen the locking screw.
- Switch on with press on "ON" button. Then select the unit system needed by pressing Inch/mm button. (Each time the button is pressed, inch and metric digits will be displayed alternatively).
- Make the front of the slide beam and the measuring face in the same plane, than press "ZERO" button(see fig 1).
- Measuring at you want(see fig 2).

fig 1

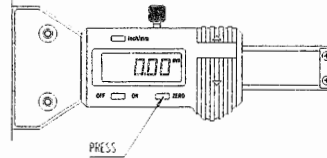
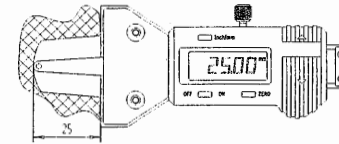
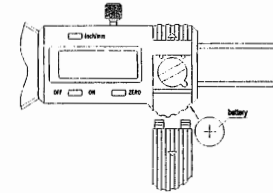


fig 2



## ● BATTERY REPLACEMENT

Flashing of digits shows a flat battery.  
 Take off the battery cover in the direction shown by the arrow and replace the battery (positive side facing out).



## ● MAINTENANCE INSTRUCTIONS

- Keep the gauge clean and dry(Liquid can damage the gauge).
- Faces should be cleaned gently with cotton fabrics. Never use petrol, acetone and other organic solutions.
- In order to save power, turn off the unit when gauge is going to stay idle for some time.
- Never apply any electric pressure on any part of the gauge and never use an electronic pen for the fear of damaging its chip.
- For other notes please refer to the conventional calipers.

## ● TROUBLE SHOOTING

Failure	Cause	Measure
Five digits flash simultaneously ,about once per sec.	Battery voltage lower than 1.45V.	Replace the battery.
Display doesn't change when the slider is moved	Accidental trouble in circuit	Take out battery and reset it after 30 sec.

Failure	Cause	Measure
Less accurate then specified but with -in +0.1mm.	Dirt in the sensor.	Remove slider cover and its assembly, blow with clean compressed air (5kg/cm <sup>2</sup> ).
No display on LCD	1.Battery in poor contact. 2.Voltage under 1.4V.	1.Remove battery cover and adjust the battery scat,keep good connection. 2.Replace battery.