

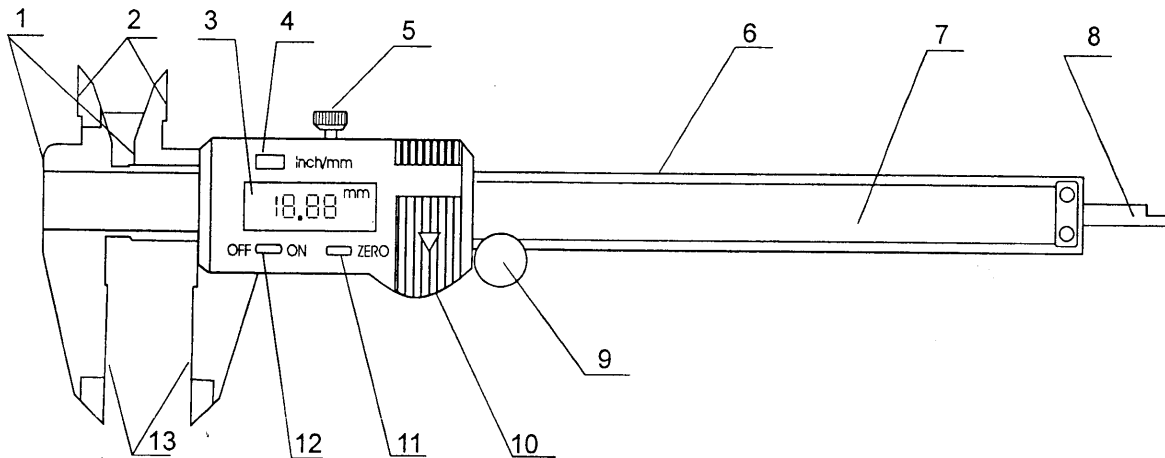
DURATOOL DIGITAL CALIPER DC150

IMPORTANT INSTRUCTIONS

- Before using the digital caliper for the first time, wipe clean the surface with dry and clean soft cloth.
- Always keep the digital caliper clean and dry.
- Never apply electrical voltage onto any part of the digital caliper.
- Do not engrave the caliper with electrical engraving pen.
- Remove battery if the caliper is not used for prolong period.

NOMENCLATURE

- | | |
|-----------------------------|------------------------------|
| 1. Step measuring faces | 2. Inside measuring faces |
| 3. LCD display | 4. Inch/mm conversion switch |
| 5. Slider clamp screw | 6. Beam |
| 7. Scale | 8. Depth measuring blade |
| 9. Thumb roller | 10. Battery compartment lid |
| 11. ZERO switch | 12. Power ON/OFF switch |
| 13. Outside measuring faces | |



OPERATION

1. Preparation:

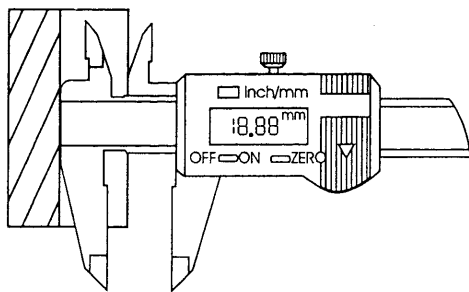
- a. Wipe clean the measuring surface of the digital caliper with dry and clean soft cloth.
- b. Loosen the locking screw and check if all the buttons, switches and LCD display respond well.

2. Basic Methods of Measuring:

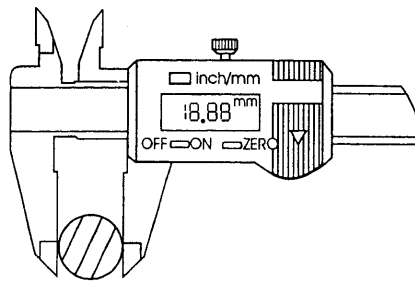
- a. Make sure the slider clamp screw (5) is loosened.
- b. Press the "ON" button (12) to switch on the unit.
- c. Press the "inch/mm" button (4) to select the unit of measurement.
- d. Close the measuring jaws and press the "ZERO" button (11) to reset the display to zero.
- e. Use one of the following measurement methods to take measurement.

MEASUREMENT METHODS

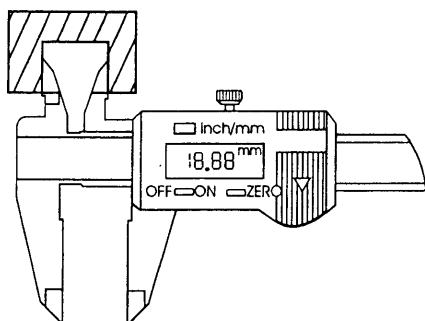
To Measure Steps



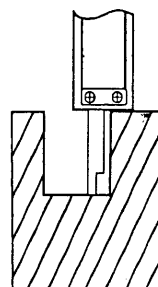
To Measure External Dimensions



To Measure Internal Dimensions



To Measure Depths



BATTERY REPLACEMENT

Remove the battery compartment lid (10) in the direction of the arrow and replace the battery with the positive side facing out. Close the compartment lid.

TROUBLESHOOTING

Symptom	Possible causes	Measure
Frozen display	Accidental trouble in circuit	Remove the battery and put back after one minute
Flashing digits	Battery is weak	Replace the battery
No display on LCD	1. Dead battery 2. Poor battery contact	1. Replace the battery 2. Clean and adjust the battery contact point in the battery compartment

TECHNICAL SPECIFICATIONS

Display: LCD Type

Measuring speed: $\leq 1.5\text{m/sec}$ or 60in/sec

Measuring range: 0 to 150mm / 0 to 6in

Power: One 1.5V button cell (Type Sr44)

Storage temperature: 0°C to 50°C / 32°F to 122°F

Working Environment: 5°C to 40°C / 41°F to 104°F (less than 80% Relative Humidity)

Resolution: 0.01mm / 0.0005in

Accuracy: $\pm 0.02\text{mm}$ / $\pm 0.001\text{in}$ ($<100\text{mm}$)

$\pm 0.03\text{mm}$ / $\pm 0.001\text{in}$ (100 to 150mm)