

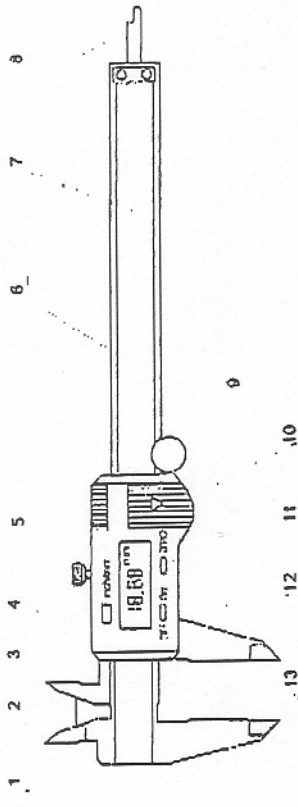
# DURATOOL DIGITAL CALIPER DC150

## 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. Slip measuring faces
2. LCD display
3. Slider clamp screw
4. Beam
5. Depth measuring blade
6. Battery compartment lid
7. Power ON/OFF switch
8. Zero switch
9. Outside measuring faces
10. Inside measuring faces
11. Inch/mm conversion switch
12. Depth measuring blade
13. Battery compartment lid
14. Power ON/OFF switch

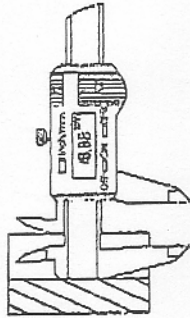


## OPERATION

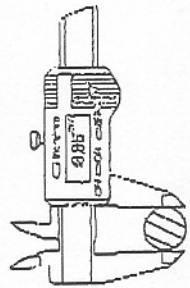
1. Preparation:
  - a. Wipe clean the measuring surface of the digital caliper with dry and clean soft cloth.
  - b. Loosen the locking screw and check if all the buttons, switches and LCD display respond well.
2. Basic Methods of Measuring:
  - a. Make sure the slider clamp screw (5) is loosened.
  - 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

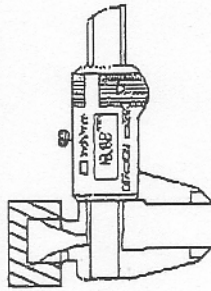
To Measure Steps



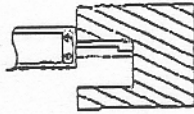
To Measure External Dimensions



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 pull 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  $60 \text{ in/sec}$   
 Resolution:  $0.01 \text{ mm} / 0.0005 \text{ in}$   
 Accuracy:  $\pm 0.02 \text{ mm} / \pm 0.001 \text{ in}$   
 Storage temperatures:  $0^\circ\text{C}$  to  $50^\circ\text{C}$  /  $32^\circ\text{F}$  to  $122^\circ\text{F}$   
 Working Environment:  $5^\circ\text{C}$  to  $40^\circ\text{C}$  /  $41^\circ\text{F}$  to  $104^\circ\text{F}$  (less than 80% Relative Humidity)

Power: One 1.5V button cell (Type SR44)  
 Resolution:  $0.01 \text{ mm} / 0.0005 \text{ in}$   
 Accuracy:  $\pm 0.02 \text{ mm} / \pm 0.001 \text{ in}$