



## Digital Micrometer

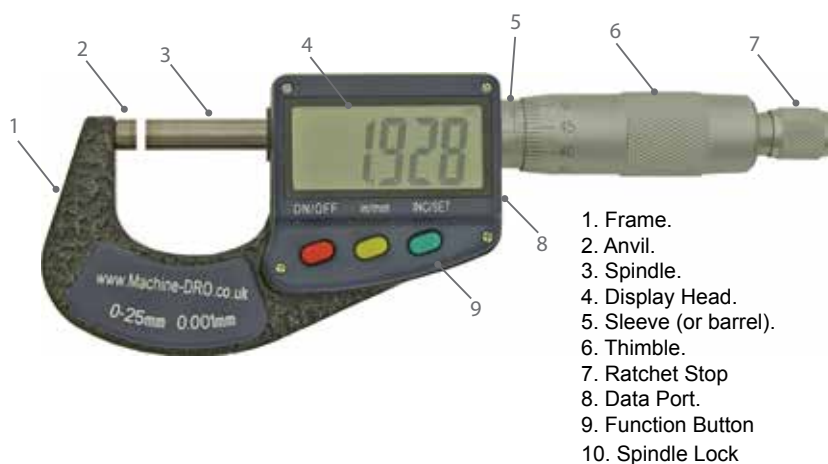
Part No: ME-CAL-MIC

Doc V: 1.0

### Precautions

- The micrometer is a precision measuring instrument. Avoid using excessive force, and treat with care.
- The fitted battery is intended for the factory test procedure and therefore may not meet the specified battery life.
- Avoid exposure to all liquids, excessive humidity or temperature.
- Avoid exposure to bright sunlight.
- DO NOT rotate spindle with spindled lock engaged.
- Ensure the measuring surfaces are clean.
- Never apply voltage on any part of this digital micrometer or electric engrave the caliper.
- Remove the battery if the micrometer is not being used for a long period of time.
- The spindle can not be removed, DO NOT travel past the upper or lower limit.
- Never use solvents to clean the micrometer Only use a soft cloth with cleaning oil.

### Digital Micrometer



### Battery Replacement



1. Insert the curved back edge of the spanner.
2. Twist to unlock. DO NOT use excessive force.



3. Lift out the battery cover.



4. Remove the battery. (a magnet tip tool can be used)
5. Locate the side spring battery contact.



6. Insert the replacement battery edge against the side contact.
7. Press down on the other edge.



8. Locate the two lugs on the battery cover with the two slots on the micrometer. Insert the battery cover.



9. Twist to lock. DO NOT use excessive force.





## Setting a 0-25mm (0-1") Micrometer

1. Ensure Spindle lock is not engaged.
2. Wipe clean measuring surfaces.
3. Close micrometer using ratchet stop.
4. Press and hold the INC/SET for 3 seconds to zero display.



DO NOT travel past the upper limit.

## Setting a Micrometer larger than 25mm (1")

1. Ensure Spindle lock is not engaged.
2. Wipe clean measuring surfaces.
3. Insert the setting standard.
4. Close micrometer using ratchet stop onto the standard.
5. Press and hold the INC/SET for 3 seconds to set the display to the offset size of the micrometer.



DO NOT travel past the upper or lower limit.

## Metric/Inch conversion

mm 25.40

mm/inch

Press mm/inch to convert from metric to inch display.

in 1.000

mm/inch

The display will indicate which units are being displayed.

## Micrometer with ABS Function (not available on all models)

mm 0.00

Zero

Close micrometer. Press ZERO button.

mm 10.00

Measure workpiece, for example 10mm.

mm INC 5.00

ABS

Press ABS button to switch to incremental. Measure second workpiece, for example 15mm.

mm 15.00

ABS

Press ABS to switch back to Absolute display.

## Trouble Shooting

Problem	Possible Cause	Solution
Flashing display or battery icon displayed	Low voltage Poor contact	Replace battery Clean contact
No display	Dead or weak battery Poor contact	Replace battery Clean contact
No change to display	Internal error Low voltage	Remove battery for 1 hour Replace battery
Can't zero	Low voltage Poor contact	Replace battery Clean contact
Erratic or frozen display	Moisture Contamination low voltage	Wipe clean, remove battery & allow to dry Replace battery
Erroneous reading	Low voltage Moisture Contamination Too much operating force Low ambient temperature	Replace battery Wipe clean, remove battery & allow to dry Use ratchet stop Store caliper at normal room temperature

