



ENGLISH

## Datasheet

# Electronic Measurement Tool, 150mm

RS Stock number [315-7834](#)



### Features:

- Large easy to read LCD display.
- Absolute and Relative measuring modes.
- True inch/metric conversion.
- Resolution: Metric 0.001mm Inch 0.00005in
- Tungsten Carbide anvil faces, Satin Chrome thimble and frame.
- Friction style thimble and Spindle lock lever.
- Measuring force: 5 – 10N.
- Maximum Measuring Speed: 80mm / sec.
- Operating temperature; 0 - 40° C
- Storage temperature: -20 to 60° C
- Powered by single silver oxide cell, SR44W
- Accuracy: 0.005mm
- Repeatability: 0.001mm
- Base size: 100mm Long X 16mm Wide
- Supplied with 6 fl at ended depth rods.
- Protection: IP54



## Operating Instructions:

Recommended Setting Method for Depth Micrometers in Absolute Mode.

Clean Micrometre base. Select and clean required depth rod.

Each depth rod is marked with its range in millimetres.

Insert spring retaining end of depth rod into hole in centre of base.

Push rod firmly until it engages positively with stop inside micrometre body.

For 0 – 25mm (0 – 1") range

Position depth rod so that it does not protrude through base.

Place base face down on a flat surface plate.

Hold base firmly against surface plate whilst advancing depth rod to contact surface plate with the thimble.

Use friction thimble to obtain a repeating reading.

Press Datum button to remove INC from display.

Press Present button together with either Pr + or Pr – to move digits to zero.

Preset +/- feature starts slowly and increases speed.

To fine set, get close to size and release button then re-press to move digits slowly again.

Once zero is achieved press Preset button to set into memory.

Micrometre is now set to read depth from 0 – 25mm or 0 – 1"

Setting for larger rods.

Select larger rod required and clean.

Insert into micrometre base as previously described.

Stand two equal piles of gauge blocks on the surface plate at a height within the range of the selected rod.

Sit micrometre base on slip piles.