

# Digital Micrometers

## > Standard Range MS-110 Series: External up to 100mm

### > Functions

- **Zero Reset:** Set the display to zero at any point
- **Inch/Metric:** Convert between metric and imperial units
- **ABS/INC:** ABS mode is the master datum typically with the spindle closed or against the setting standard. INC allows zero to be set at any point whilst retaining the ABS, allowing an easy comparison measurement between two parts. "INC" on the display indicates when the function is active
- **Low Battery:** A flashing display or battery symbol will indicate the battery needs changing
- **Set Zero:** Select a default zero offset. Used on micrometers to allow reading from a predefined starting range (25mm, 50mm, 75mm etc). Once set this value would be the default each time the zero button is pressed



# M-SURE MS-110 Series External Digital Micrometers



→ Standard digital micrometer, a popular choice for factory floor and general inspection processes

→ Ratchet thimble gives a constant measuring force

→ Rotating spindle with locking lever and carbide measuring faces

→ Enamel finish frame with heat insulating grip

→ Setting standard included with 50mm and above micrometers

→ Standard functions: Inch/mm Conversion, Zero Reset, Set Zero, Low Battery Alert, On/Off, ABS/INC

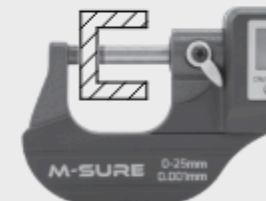
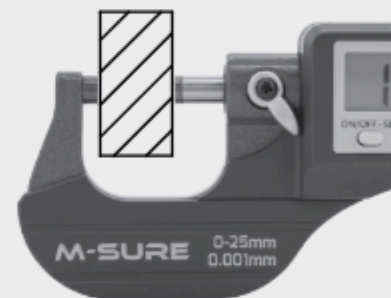


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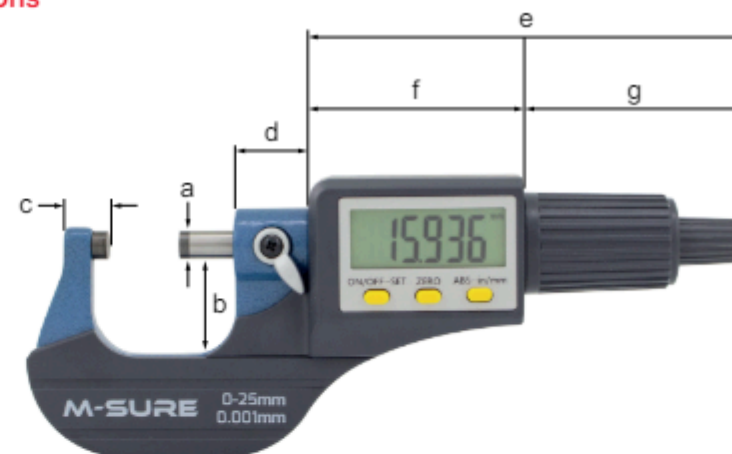
## Specifications

|                             | MS-110-025             | MS-110-050  | MS-110-075  | MS-110-100   |
|-----------------------------|------------------------|-------------|-------------|--------------|
| Measuring Range mm (inches) | 0-25 (0-1)             | 25-50 (1-2) | 50-75 (2-3) | 75-100 (3-4) |
| Resolution mm (inches)      | 0.001 (0.00005)        |             |             |              |
| Accuracy mm                 | 0.003                  | 0.003       | 0.004       | 0.004        |
| Battery                     | CR2032 3v Lithium Cell |             |             |              |
| Data Output Type            | None                   |             |             |              |

## Applications



## Dimensions



All dimensions in mm

|            | a   | b  | c   | d  | e    | f    | g  |
|------------|-----|----|-----|----|------|------|----|
| MS-110-025 | 6.5 | 20 | 9.5 | 17 | 94.5 | 46.5 | 48 |
| MS-110-050 |     | 29 | 12  |    |      |      |    |
| MS-110-075 |     | 41 |     |    |      |      |    |
| MS-110-100 |     | 53 |     |    |      |      |    |