

Digital Depth Gauges

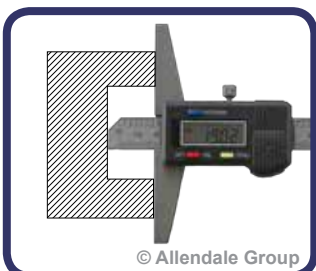
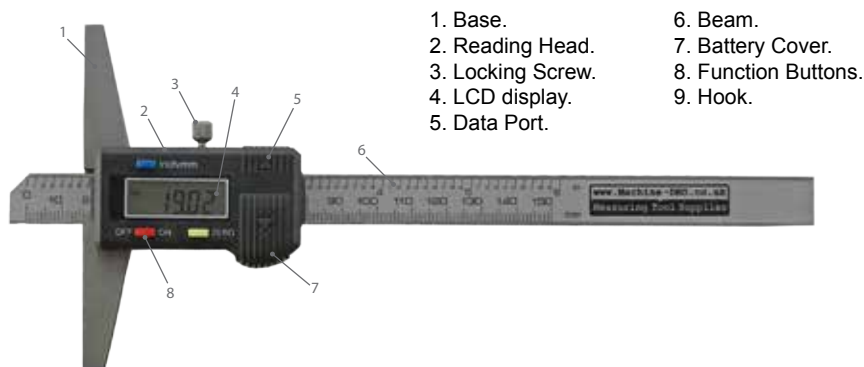
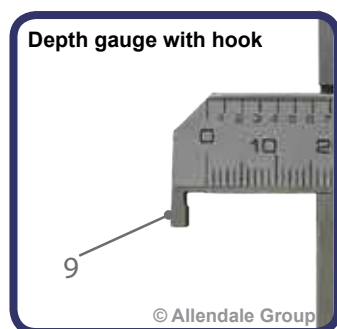
Part No: AE-MAN-DEPTH

Doc V: 1.0

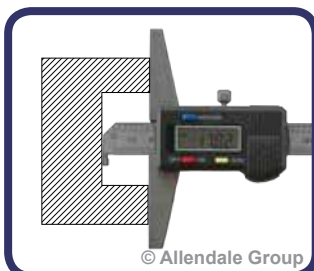
Precautions

- Before using the depth gauge for the first time, wipe with a clean cloth ideally soaked with cleaning oil.
- The depth gauge 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.
- Never apply voltage on any part of this depth gauge or electric engrave.
- Remove the battery if the gauge is not being used for a long period of time.
- Never use solvents to clean. Only use a soft cloth with cleaning oil.

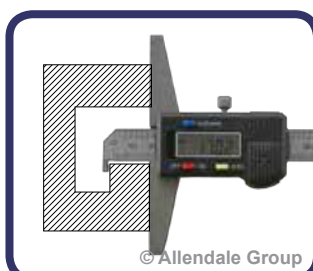
Digital Depth Gauge



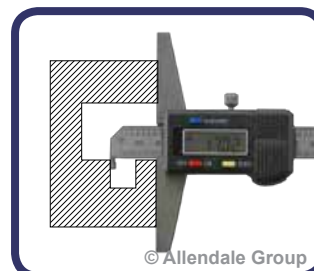
**Standard Depth Gauge
Depth Measurement**



**Depth Gauge with Hook
Depth Measurement**
(add hook thickness to display value)



**Depth Gauge with Hook
Thickness Measurement**



**Depth Gauge with Hook
Step Measurement**
(add hook thickness to display value)

Battery Replacement



1. Slide open the battery cover.



2. Lift battery cover front edge.
3. Remove cover.



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



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



8. Insert the two lugs on the cover.
9. Gently lower battery cover.



10. Pull battery cover outward slightly
11. Fully lower cover



12. Slide battery cover fully closed.

Calibrating Standard Depth Gauge

1. Ensure the locking screw is loose.
2. Wipe clean surface plate or similar flat service.
3. Ensure gauge base is clean.
4. Place gauge base on surface plate.
5. Slide the beam downwards so measuring contact is in contact with the surface plate.
6. Press zero button.



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Calibrating Depth Gauge with hook

1. Ensure the locking screw is loose.
2. Ensure gauge base and hook is clean.
3. Close the gauge.
4. Press zero button.



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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.

Trouble Shooting

Problem	Possible Cause	Solution
Flashing display	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 "H" shown on display	Remove battery for 1 hour Remove battery for 5 minutes
Can't zero	Hold function active Tolerance function active	Switch off function Switch off function
Erratic or frozen display	Contamination between beam & head low voltage	Wipe clean Replace battery
Erroneous reading	Low voltage Contamination between beam & head Low ambient temperature	Replace battery Wipe clean Store at normal room temperature