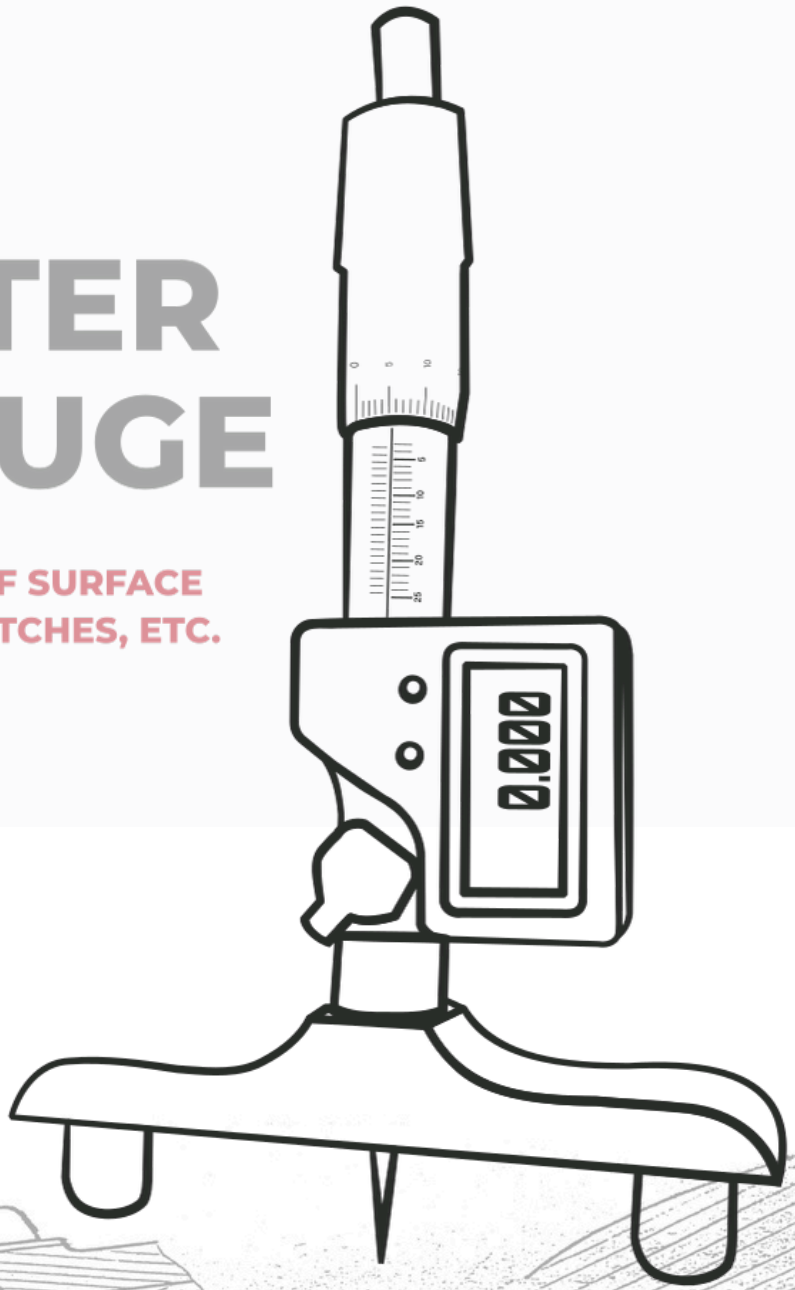
DIGITAL MICROMETER DEPTH GAUGE

FOR MEASUREMENT OF THE DEPTH OF SURFACE DEFECTS SUCH AS PITS, DENTS, SCRATCHES, ETC.



ISO 9001:2015

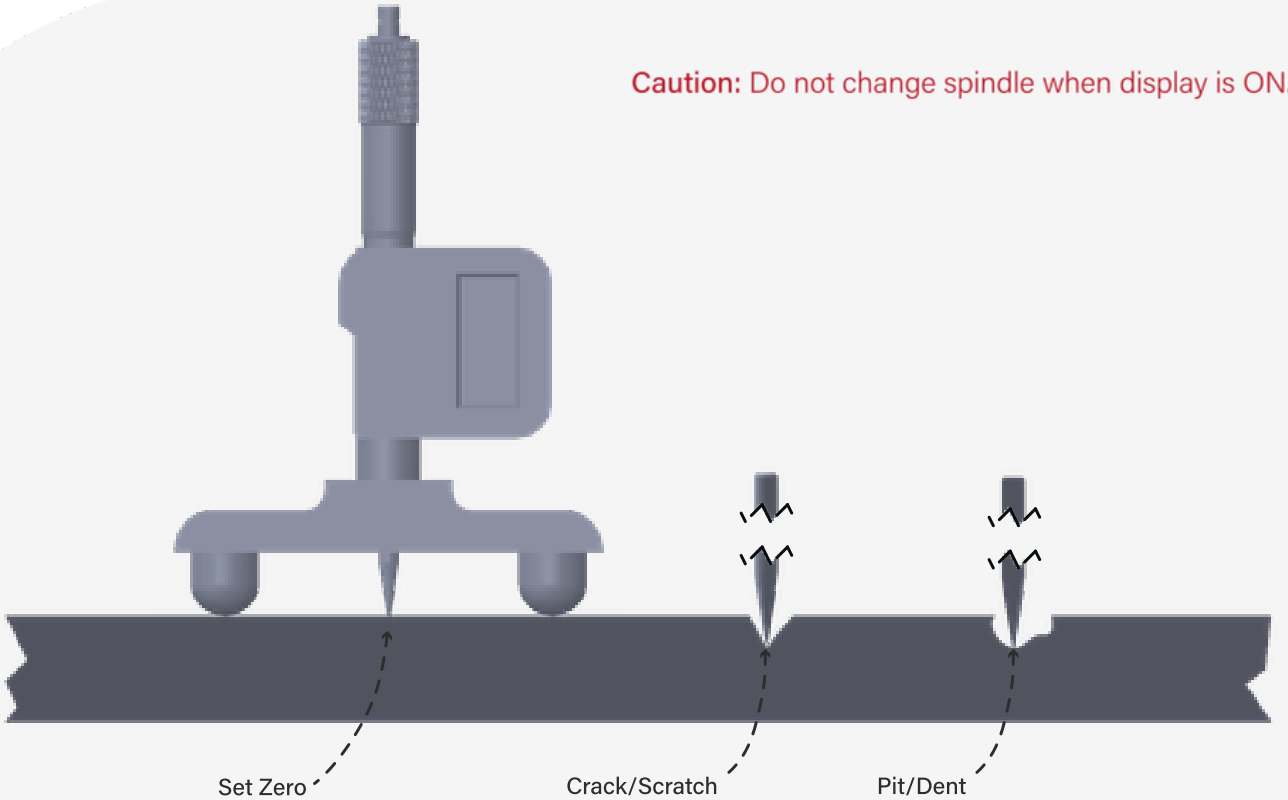
ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17065
PROCESS CERTIFICATION BODY

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAF

MEASUREMENTS ON FLAT SURFACES

- Visually inspect the flat surface to be examined and identify & mark defect indications such as pits, dents, scratches, etc.
- Start the display by pressing ON/OFF button. Set the instrument to INC by pressing ABS/INC button (ABS=Absolute measuring mode, INC=Relative/Incremental measuring mode).
- Pressing the ABS/INC button for 5 seconds allows switching between readings in inches or millimetres.
- Place the instrument legs on the flat surface adjacent to a defect indication. Move the pointed spindle towards the surface by rotating the knurled grip & ratchet. When spindle touches the surface, set Zero by pressing "set" button.
- Place the instrument over the defect indication & move the pointed spindle to touch the bottom of the defect. Take reading. This will directly indicate the depth of the defect.
- Periodically replace worn out spindle tips with spare spindles provided.

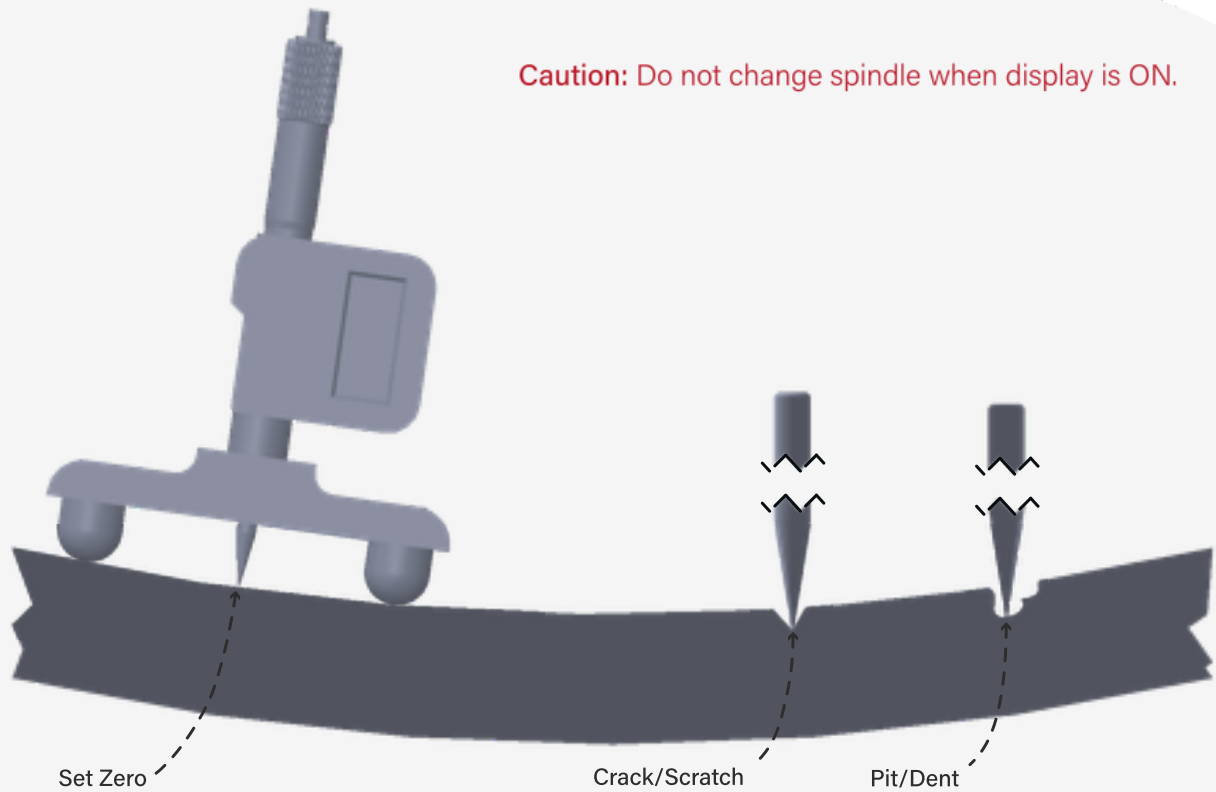
Caution: Do not change spindle when display is ON.



MEASUREMENTS ON CURVED SURFACES

- Visually inspect the curved surface to be examined and identify & mark defect indications such as pits, dents, scratches, etc.
- Start the display by pressing ON/OFF button. Set the instrument to INC by pressing ABS/INC button (ABS=Absolute measuring mode, INC=Relative/Incremental measuring mode).
- Pressing the ABS/INC button for 5 seconds allows switching between readings in inches or millimetres.
- Place the instrument legs on the curved surface adjacent to a defect indication. Move the pointed spindle towards the surface by rotating the knurled grip & ratchet. When spindle touches the surface, set Zero by pressing "set" button.
- Place the instrument over the defect indication & move the pointed spindle to touch the bottom of the defect. Take reading. This will directly indicate the depth of the defect.
- Periodically replace worn out spindle tips with spare spindles provided.

Caution: Do not change spindle when display is ON.



RajMet Digital Micrometer Depth Gauge is used to measure the depths of scratches, pits, dents and other surface defects on flat as well as curved surfaces, in materials such as Carbon Steel, Stainless Steel, Non-Ferrous metals, Plastic, Rubber & Composites.

Useful for inspection of equipment requiring compliance with:

- ASME BPE-2016: Bio Processing Equipment, Par SF
- ISPE : Good Practice Guide- Good Engineering Practices

SALIENT FEATURES

- Digital display as well as linear scale.
- Specially designed base to enable measurements on flat surfaces and curved surfaces, in any position, e.g. vertical, horizontal and overhead.
- Special Spindle Rod to measure small size defects.
- Ratchet speeder with a slipping clutch mechanism to prevent over-tightening and to apply a constant measuring force to the spindle, helping to ensure reliable measurements.
- Includes one SR44 battery.

Digital Micrometer Depth Gauge

SPECIFICATIONS

Model	DDM3M
Depth Range	0 to 25mm
Defect Dia or Width	0.6 mm min
Least Count	0.001 mm
Curved Surfaces	Upto 3m Dia
Accuracy	± 0.01mm

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RAJMET ENGINEERING PRIVATE LIMITED

3rd Floor , “A” Wing, Deep Heights,Pune-Nagar Road, Ramwadi, Pune-411014. Maharashtra. India

+91 8788916868 www.rajmet.com mail@rajmet.com

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