

Coatgauge



Pull-off Type
(For Vertical use only.)

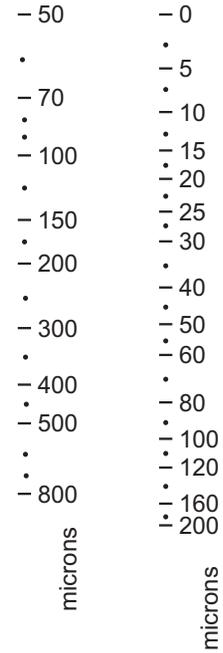
Scale 'mu' reads in microns,
'th' in thou and 'ep' is
equally divided. :

mu	th	ep
600	25	10
300	10	9
200	8	8
100	4	7
50	2	6
20	1	5
10	-5	4
5	-25	3
0	0	2
		1
		0

Coatest



Pull-off Type
with Cursor.
(For Vertical use only.)



Coating Thickness Gauge



conforming to
accuracy as
recommended in

**SSPC-PA 2-73T,
ISO 2178-1982 (E),
ASTM B 499-87 and
ASTM D 1186-87**

Measures the thickness of Non-magnetic coating on magnetic base.

The coating may be of materials like :

- as **Plating**: Gold, Copper, Zinc, Tin, Chromium, Hard Chromium, Lead etc.
- as **Coating**: Paint, Resinous coating.
- as **Lining**: Resin. Rubber. Fibre Glass.
- as **Film**: Plastic, Metal foils.
- **Parkerising**
- **Metalising**
- **Insulation coating.**

The magnetic base may be of materials like:

- Iron
- Nickel
- Cobalt
- Magnetic Stainless Steel etc.

Specifications	Accuracy as % of obtained reading (or $\pm 2.5 \mu$)	Min. base thickness mm	Min. area of measurement mm x mm	Min. radius of curvature mm	Dimensions mm	Weight gms.
Coatmeter	10	1.5	20 x 50	50	H 80 W 60 B 30	300
Coatgauge	15	1.5	10 x 10	20	D 24 L 160	50
Coatest	15	1.5	10 x 10	20	D 24 L 160	50

Coatmeter



Hari Malini Joshi Prize
1988
Maharatta Chamber of
Commerce & Industries Pune.

Salient Features

- Dial type Direct reading.
- Portable.
- Reading can be locked.
- Testing foils of different thickness are provided.
- Can be used in all positions viz. vertical, horizontal or in an inclined plane.
- For precise reading mirror is provided below scale.
- Supplied in an attractive case and with instruction manual.

Operating Principle

When a magnetic base is brought near to a 'U' magnet, leakage magnetic flux gets changed. This change deflects a magnetic needle placed in the flux area. The deflection is calibrated to indicate the air gap (non-magnetic coating) between 'U' magnet & magnetic base.

Easy to operate

After presetting the instrument place it on the job, press a button and you get the reading.

In a short time number of jobs can be checked.

Scales Available

