

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

The coating may be of materials like :

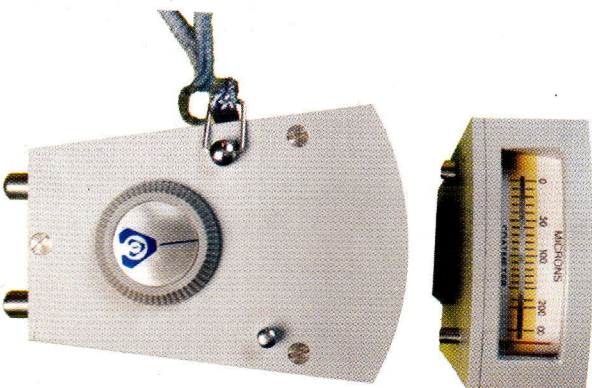
- as Plating: Gold, Copper, Zinc, Tin, Chromium, Hard Chromium, Lead etc.
- as Coating: Paint, Resinous coating.
- as Lining: Resin. Rubber. Fibre Glass.
- as Film: Plastic, Metal foils.
- Parkerising
- Metalising
- Insulation coating.

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 Mallini 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

