THANKI ENGINEERING SOLUTIONS

Delivering Excellence in NDT

TF – 28, Suner Complex, Harinagar Crossing, Gotri Road, Vadodara - 390 007, tesndt@gmail.com, 9428173351

Coating Thickness Gauge 456B

Ferrous Metal Mode (Fe) : -

Technology - Magnetic Induction - (enables measurement of non magnetic coatings on magnetic substrates such as Steel, Mild Steel, Cast Iron &Magnetic Stainless Steel). Example coatings:- Paint,Zinc / Galvanising, Chrome, Copper, Enamel, Rubber, Paint, Varnish, Powder Coating, Plastic etc.

Non Ferrous Metal Mode (NFe) : -

Technology - Eddy Current - (enables measurement of non-conductive coatings on non-ferrous substrates such as Aluminium, Copper, Brass, Zinc, Tin, and Non-Magnetic Stainless Steel). Example coatings:- Paint,Enamel, Rubber, Paint, Varnish, Powder Coating,Anodizing, Plastic etc.

Technical Specifications : -

Measuring Range	0-1250µm (0-1.25mm) or 0-50mil
Resolution	0.1µm (0-99.9 µm) and 1µm (over 100 µm)
Accuracy	±1-3% (±2.5µm or 0.1mil - whichever the greater)
Power Supply	2 x 1.5V AA Batteries
Minimum Measurement Area	5mm
Minimum Sample Thickness	0.3mm
Operating Conditions	Temp: 0 - 50ºC and Humidity: < 80%
Weight	99g (including batteries)
Dimensions	102 x 66 x 24mm
Meets Standards Including conditions)	ISO-2178, ISO-2360, DIN, ASTM & BS (suitable for laboratory and harsh field
Units of Measurement	(Microns & Mils)

THANKI ENGINEERING SOLUTIONS

Delivering Excellence in NDT

TF – 28, Suner Complex, Harinagar Crossing, Gotri Road, Vadodara - 390 007, tesndt@gmail.com, 9428173351

Coating Thickness Gauge DFT 222

- 128x128 dot matrix LCD display,standard menu operation.
- Two measure mode:single & continuous.
- Two group mode direct & general,
- Reading will be lost when power off direct mode, and not be lost in general mode.
- 80 reading can be stored for each group.
- Zero point calibration & multi point calibration
- (up to 4 points)for each group.
- Users can recall, delete specified readings, or delete group readings.
- Statistics display: Menu minimum maximum & standard deviation.
- Three probe mode: auto, magnetic & eddy current.
- User can set high or low limit alarm for each group.
- power off automatically, USB interface to data transmission. Low battery and error in dication.

Ferrous Metal Mode (Fe) : -

Technology - Magnetic Induction - (enables measurement of non magnetic coatings on magnetic substrates such as Steel, Mild Steel, Cast Iron &Magnetic Stainless Steel). Example coatings:- Paint,Zinc / Galvanising, Chrome, Copper, Enamel, Rubber, Paint, Varnish, Powder Coating, Plastic etc.

Non Ferrous Metal Mode (NFe) : -

Technology - Eddy Current - (enables measurement of non-conductive coatings on non-ferrous substrates such as Aluminium, Copper, Brass, Zinc, Tin, and Non-Magnetic Stainless Steel). Example coatings:- Paint,Enamel, Rubber, Paint, Varnish, Powder Coating,Anodizing, Plastic etc.

Technical Specifications : -

Measuring Range	0-1300µm (0-1.30mm) or 0-51mil
Resolution	0.1µm (0-99.9 µm) and 1µm (over 100 µm)
Accuracy	±1-3% (±2.5µm or 0.1mil - whichever the greater)
Power Supply	2 x 1.5V AA Batteries
Minimum Measurement Area	6 mm
Minimum Sample Thickness	0.5mm
Operating Conditions	Temp: 0 - 50ºC and Humidity: < 80%
Weight	99g (including batteries)
Dimensions	110 x 53 x 24mm
Meets Standards Including conditions)	ISO-2178, ISO-2360, DIN, ASTM & BS (suitable for laboratory and harsh field
Units of Measurement	(Microns & Mils)