

Dry Film Thickness

Dry Film Thickness is the thickness of the coating which is measured above the substrate after full curing of the coatings. There are coating inspection tools which are used at every stage of the coating process to meet the proper thickness according to specification.

These inspection tools are known as Digital Coating Thickness Gauge. It is the most commonly used instrument for the measurement of the coatings on the metal substrate. The techniques which are used for the measurement of dft with the help of these instruments are eddy current and magnetic and electromagnetic induction techniques. All the DFT Meter are widely used in Paints, Coating and adhesives industries, Pipe, Steel and fabrication industry etc.

We provide a variety of electronic digital coating thickness gauge or according to the requirement of the customer. These DFT Meter are designed to measure accurate and reliable results for metallic and non metallic substrates. DFT Meter are available with an inbuilt measuring probe or with a separate measuring probe. There are different types of dft meters according to the tested method which are given below.

Standard: ASTM D 1005, ASTM D 1400, BS 3900, ISO 2808

Raj Make

Digital Coating Thickness Gauge

Ferrous Model (Model - F)

This instrument is used to measure the thickness of non-magnetic coating on the magnetic base after drying. It is a ferrous model. Auto off and calibration facility is provided.

Technical Specifications:

| | |
|------------------------|--|
| Make | : Raj - Elecoat. |
| Instrument Type | : Ferrous(F) |
| Base | : Magnetic Stainless Steel |
| Coating | : Zinc, gold, copper, tin, chrome, lead and hard chrome plating, paint and powder coating. Non Magnetic coating on Magnetic base. |
| Range | : 0 - 2000 μm |
| Resolution | : 0.1 / 1 μm |
| Accuracy | : 1-2 % |
| Minimum base thickness | : 0.3 mm |
| Min. Measuring area | : 6 mm |

Package Includes:

DFT Meter, base, standard foils for calibration, manual, battery and calibration certificate.

Ordering Informations:

Ref No. 104 DFT Meter Model - F

HSN Code: 90318000



Digital Coating Thickness Gauge

Non - Ferrous Model (Model - C)

This instrument is used to measure the thickness of non-conductive coating on the conductive base after drying. It is a non-ferrous model. Auto off and calibration facility is provided.

Technical Specifications:

| | |
|------------------------|---|
| Make | : Raj - Elecoat |
| Instrument Type | : Non-Ferrous(C) |
| Base | : Aluminium, brass or copper |
| Coating | : Paint, Powder Coating, Teflon etc. |
| | : Non Conductive coating on Conductive base |
| Range | : 0 - 1500 μm |
| Resolution | : 0.1 / 1 μm |
| Accuracy | : 1-2 % |
| Minimum base thickness | : 0.3 mm |
| Min. Measuring area | : 6 mm |



Package Includes:

DFT Meter, base, standard foils for calibration, manual, battery and calibration certificate.

Ordering Informations:

Ref No.105 DFT Meter Model - C

HSN Code: 90318000

Digital Coating Thickness Gauge (Model - FNF)

This instrument is used to measure the thickness of a non-magnetic coating on a magnetic substrate and non conductive coating on non - ferrous substrate after drying. It is a type of ferrous and non - ferrous model. Auto off and calibration facility is provided.

Technical Specifications:

| | |
|------------------------|--|
| Model | : FNF |
| Probe (F) | : Base:- Magnetic Stainless Steel. : Coating:- Zinc, Paint and Powder Coating, Gold, Copper, Tin, chrome, lead and hard chrome plating. |
| Probe (N) | : Base:- Aluminium, Brass, Copper. : Coating:- Paint, Powder Coating, Teflon. |
| Range | : 0 - 1200 μ m |
| Resolution | : 1 μ m |
| Accuracy | : 1 % \pm 2 μ m |
| Memory | : 100 readings. |
| Display | : LCD |
| Surface Curvature | : convex 5mm and concave 5mm. |
| Minimum Test Surface | : 10 mm. |
| Minimum Test Thickness | : 0.4 mm. |
| Statistics Display | : Mean, Minimum, Maximum and Standard Deviation. |
| Calibration Facility | : Auto |
| Data Transfer | : USB interface |
| Indication | : Low battery and Error |

Package Includes:

DFT Meter, ferrous and non ferrous bases, standard foils for calibration, manual, battery and calibration certificate.

Ordering Informations:

Ref No.108 DFT Meter model - FNF

HSN Code: 90318000



Digital Coating Thickness Gauge - Inbuilt Probe

This instrument is used to measure the thickness of a non-magnetic coating on a magnetic substrate and non conductive coating on non - ferrous substrate after drying. It is a type of ferrous and non - ferrous model. Auto off and calibration facility is provided.

Technical Specifications:

| | |
|-----------|--|
| Model | : DFT 222 |
| Probe (F) | : Base:- Magnetic Stainless Steel. : Coating:- Zinc, Paint and Powder Coating, Gold, Copper, Tin, chrome, lead and hard chrome plating. |
| Probe (N) | : Base:- Aluminium, Brass, Copper. : Coating:- Paint, Powder Coating, Teflon. |

Technical Specifications:

| | |
|----------------------|---|
| Range | : 0 - 2000 μm |
| Resolution | : 1 μm |
| Accuracy | : 2.5 % \pm 1 μm |
| Surface Curvature | : convex 5mm and concave 5mm. |
| Statistics Display | : No. of readings, Mean, Minimum, Maximum and Standard Deviation. |
| Calibration Facility | : Auto |
| Data Transfer | : USB interface |
| Indication | : Low battery |

Package Includes:

DFT Meter, calibration block, USB cable, standard foils, battery and manual.

Ordering Informations:

Ref No. 222 DFT Meter

HSN Code: 90318000



Pencil Thickness Gauge

Pencil thickness gauge as used to measure dft after drying or curing. It comprises a magnet base with pointer and holder. It will measure non-magnetic coatings on a magnetic base. It is widely used in paint, coatings, adhesives and ink industry, Steel & Fabrication industry etc. It is available in two ranges.

Technical Specifications:

| Ref No. | Range (μm) |
|---------|-------------------------|
| 101/1 | 0 - 250 |
| 101/2 | 50 - 800 |

Package Includes:

Pencil thickness gauge and manual.

Ordering Informations:

Ref No. 101/1 Range (0 - 250 μm)

Ref No. 101/2 Range (50 - 800 μm)

HSN Code: 90318000

