

Tekneka 710 is a handy-sized coating thickness gauge used to measure magnetic induction (ferrous) or eddy current (non-ferrous) to take non-destructive measurements of coating and dry film thickness (DFT) on metal substrates such as steel and aluminum. This single/continuous measuring mode ranges from 0 to 2000µm. Using standard foils, it is easy to do calibration adjustments with four points/zero-point option. It has fast measurement and the best repeatability with high accuracy of measured results. Users can store up to 80 readings in each multiple-group mode and transfer the data through easy coating software. This software can facilitate users to measure real-time data and represents it in the form of listed values/graphs/bars. This coating thickness gauge is ideal for painted and powder-coated surface testing, automotive paint inspection, coated material testing, and manufacturing quality control applications.

Features

- LCD display with 128 x 128 dot matrix and backlight option
- It comes with a single and continuous measuring mode
- Very fast & best repeatability with high accuracy of measured results
- Measures both Fe & NFe materials up to 2000µm
- Accurate measurements on smooth, rough, thin, and curved surfaces
- Users can perform zero-point calibration and multi-point calibration (up to 4 points)
- Easy to recall the readings and delete specific readings
- Comes with an alarm feature to set high/low limits for each general group
- It can be interfaced with software for real-time measurement and data export
- Statistics Display: Mean, Minimum, Maximum, and Standard deviation
- General (GEN) mode helps the user to avoid data loss and store a maximum of 320 readings
- PC interface through USB and data export in “.txt” format
- Auto power off and low battery indicator
- Display screen flipping feature enables a convenient view at any position



Applications

Widely used to Test Car Paints, Electroplating, Surface Technology, Pipelines Anti-Corrosion Coating, Chemical Equipment, Mechanical Equipment Surface Anti-Corrosion, Inspection, and Quality Control of products.



Packing Includes

- 710 Coating Thickness Gauge
- Standard Foils & Zero Plates
- 2 x AAA Batteries
- USB Cable
- User Manual

Ordering Info.

- 710.....Coating Thickness Gauge Kit
- ZP100.....Zero Plates (Fe & NFe)
- A710-CF.....Calibration Foils

Description	Ranges
Measuring Range (Fe & NFe)	0 to 2000µm (0 to 78.7 mils)
Accuracy	±(2.5% + 1µm)/±(2.5% + 0.39 mils)
Display Resolution	0.1µm (0 to 99.9µm)/1µm (≥100µm)
Units	µm, mm, mils
Measuring Principle	Fe: Magnetic Induction NFe: Eddy Current
Calibration	1 to 4 points & ZERO point calibration
Precision Standard Foil Thickness	48, 98, 244, 494, 997µm (included)
Memory Range (4 Groups)	Maximum 320 readings
Statistics Options	No. of readings, Mean, Min, Max & Standard deviation
Measuring Area	Ø20mm (minimum)
Minimum Curvature Radius (Convex)	5mm
Minimum Curvature Radius (Concave)	25mm
Alarm	Higher/Lower limits
Measuring Rate	Maximum 2 readings
Interface	Download data via USB
Power Supply	2 x AAA 1.5V Alkaline battery
Operating Temperature	-10 to 50°C (14 to 122°F)
Built Material	Acrylonitrile Butadiene Styrene (ABS)
Device/Packing Dimension	144 x 53 x 25mm/Box: 24.5 x 19 x 5cm
Weight	Net: 80g/Gross: 516g
Standard Compliance	ISO 2178, 2360