

DIGITAL COATING THICKNESS GAUGES



ITEM: D9325

EXTERNAL PROBE - Instruments used for non-destructive measurement of coating thickness of magnetic and non-magnetic metallic bases. With an operating principle (parasite magnetic inductive) these instruments may detect thickness in insulating coating (e.g. enamel, paint, etc.) not ferromagnetic ones (aluminum, zinc, etc.) used as ferromagnetic coating (e.g. steel, iron, etc.). Furthermore, they can detect insulation thickness (e.g. enamel, paint, etc.) of non ferromagnetic coating (aluminum, zinc, etc.). Ideal for quality control in production lines and in any other industrial sector where coatings control is required (galvanic, automotive, nautical, construction, etc.)

Equipment: 1 probe Fe, 1 probe NFe, reference standards set, 1 iron zero setting base.

Note: Instruments measure also tungsten carbide coating on stainless steel.

Compliant to standards: ISO2178, ISO-2361, DIN, ASTM, BS.

Dimensions: 126 x 65 x 27mm Weight 81 g

Tech. Code	Mode	Measuring range µm	Measureable thickness min. mm	Resolution µm	Accuracy µm
D9325EST	Ferrous Non Ferrous	0-1250	0.3	0,1	±1-3%n / ±2.5±1-3%n / ±2.5
Tech. Code	Model				
D99251,5V	- AAA-type 1.5 battery				

ULTRASONIC THICKNESS GAUGES



ITEM: D9338

Ultrasonic thickness gauges - instrument designed for a non-destructive thickness measuring of ultrasound conductive materials. Mainly used to measure thickness of boxed structures, centre sections of large sheets, tubing, tanks, pressurized containers, panels. Mainly used for quality management in production lines and maintenance inspections so to detect samples corrosion conditions, data output upon request.

Dimensions 149 x 73 x 32 Weight 160g, power supply 2 AA 1.5 battery set (included).

Standard equipment:

- Instrument body
- SAPBN-90°probe (1,2 - 230 mm)
- Coupling fluids
- Shock-proof casing

Tech. Code	Measuring range mm	Accuracy mm	Resolution mm	Speed m/s	Main storage	In-use conditions
D9338075300	0.75 ÷ 300 (ref. steel)	±0.5% n + 0.04 (ref. steel)	0,1/0,01	1000 - 9999	20 allocations (99 values each.)	0 - 40 °C / 10 - 90% RH
Tech. Code	Model					
D99051,5V	Battery 1.5V SR44					

ITEM: D9342

Tech. Code	Frequency MHz	Ø mm	Measuring range (steel) mm	min Ø mm	Use
D93421223090	5	10	1.2 ÷ 230	20 x 3	Standard /90°