EMAT + Ultrasonic Thickness Gauge (2 in 1)

DE-4000

Features:

- EMAT + Ultrasonic Thickness Gauge 2 in 1
- No need of couplant
- workpiece surface temperature less than 600℃ depending on transducers
- The larger colorful TFT display 320×240
- Suitable for both metal, such as steel pipe walls, flat steel, rods, or other products made of metal, even rust or corrosion on the surface; and non-metal such as Polyethylene
- Not sensitive to coating on the surface, so thickness of workpiece with coating could be tested
- Suitable for different shapes of metal, such as small pipe, elbow pipe and so on
- Widely application in Petrochemical industry, Metallurgy, Ship-building, Wind power, Nuclear electric power, Aerospace and so on
- Large memory of 10, 000 data; data transfer with software free
- Auto power off for saving battery power

Technical Specification：

1. EMAT Thickness Gauge

Measuring range	1.5-300mm (depend on transducers)
Resolution	0.01mm
Accuracy	±0.04mm (H＜9.99mm)
	±(0.1%H +0.04)mm 10<=H＜100mm
	±0.3%H H＞100mm
Temperature range	-15—600℃ (depend on transducers)
Gain	Auto and Manual
Scan mode	A and B Scan
Excitation mode	Permanent magnet
Transducer	Anti-impact, stand wear and tear
Transducer classification	Normal or high temperature transducer
Memory	10,000 data
Output	USB, software free
Display	320×240 color display
Power	Li battery
Temperature	-20℃～+50℃
Dimension	181mm×93mm×29mm
Weight	0.4Kg (Battery included)

2. Ultrasonic Thickness Gauge

Measuring range	T-E: 0.8mm～300.0mm
Resolution	0.01mm
Accuracy	±0.04mm (H＜9.99mm)
	±(0.1%H +0.04)mm 10<=H＜100mm
	±0.3%H H＞100mm
Gain	Auto and Manual
Scan mode	A and B Scan
Temperature	-20℃～+50℃

Standard Delivery:

- Main unit
- Transducer S020E + DE508
- Calibration block
- USB cable
- Carrying case
- Operating manual
- Calibration certificate

EMAT Optional Transducer:

Model	Measuring Range
S010E	1.5-60mm
S015E	1.5-150mm
S020E	1.5-200mm
S025E	1.5-300mm
S030E	1.5-200mm

Ultrasonic Optional Transducer:

Model	Measuring Range
DE508	0.8-300mm