



北京凯普海泰科技有限公司
Beijing Cap High Technology Co.,Ltd.

Electro-Magnetic Acoustic Transducer (EMAT) Instruments

Mini EMAT Thickness Gauge



Mini EMAT Thickness Gauge PREMAT-3

Features:

- Non-couplant inspection technology; High tolerance to rust, paint and convex-concave surface;
- Extremely mini size;
- Extension screen WIFI connection.;
- High temperature application .

Application areas:

- High temperature thickness measurement
- No coupling agent thickness scan
- Austenitic weld inspection (single channel)
- Use guided waves to detect pipe contact points and pipe and air soil interface



- Lamppost detection
- Surface wave detection
- Stress measurement, bolt load and spheroidal rate of ductile iron
- Corrosion and flow monitoring (see monitoring applications)

Main Parameters

Thickness measurement range:	2mm-80mm;
Measurement accuracy:	0.1%thickness+0.02mm;
Gain:	100dB;
Frequency:	2~5MHz;
Liftoff:	up to 4mm
Power:	Lithion battery working for up to 6 hours;
Extension screen:	Wifi connection to pad or mobilephone (Android System);
Service temperature:	-40℃~350℃;
Storage temperature:	0℃~50℃;
Weight:	<300g;
Dimension:	170mm×37mm×32.5mm;
Package dimension:	

Standard Delivery:

Tester Main unit
Charger
PAD for Operation