

PEN TYPE ELECTROMAGNETIC ULTRASONIC THICKNESS GAGE

COUPLING AGENT
IS NOT REQUIRED

MEASUREMENT THROUGH
COATING AND RUST LAYER

WORK AT MAXIMUM 1112°F

WITH A AND B SCAN

- Measurement without ultrasonic coupling agent, for workpieces with surface temperatures less than 1112°F (depending on the probes)
- Compact size, easy to carry, comes with waveform display and full-function keyboard, easy to adjust the measurement parameters
- Non-contact measurement of rough, corroded surfaces without sanding
- Storage of 10000 data and 100 files
- Highly intelligent functions such as alarm for exceeding upper and lower limits, automatic zero calibration, automatic identification of probes, etc
- Automatic power off
- Suitable for inspection of workpieces of various shapes, such as pipes, small tubes, elbows, etc



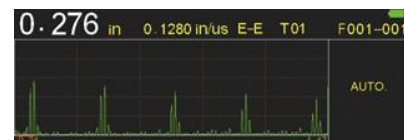
normal temperature probe(included)



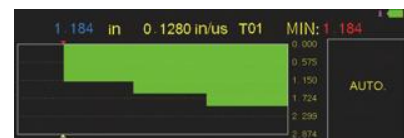
high temperature probe
(optional)



calibration block
(included)



A-Scan



B-Scan

SPECIFICATION

Code	EMU-A100	EMU-B100
Data transmission	USB	USB, Bluetooth
Measuring range	refer to the specification of transducers	
Resolution	.001"	
Accuracy	$\pm .002"$ ($H \leq .394"$) $\pm (.002" + H/1000)"$ ($.394" \leq H < 3.937"$) $\pm H/333"$ ($H \geq 3.937"$) H is measuring thickness in inch	
Working gap (the distance between the probe and the measured object)	$\leq .04"$	
Gain	automatic and manual gain	
Material velocity	.0394~.3937 inch/ μ s	
Measurement frequency	2 times/second 10 times/second fast measurement mode	
Measuring mode	auto mode, manual mode	
Display	LED, 800x268	
Storage	10000 data stored in 100 files	
Power supply	5V rechargeable lithium battery, 6 hours working time	
Operation temperature	-14°F~662°F	
Dimension	7.09×1.38×1.34"	
Weight	.66lb	

STANDARD DELIVERY

Main unit	1 pc
Normal temperature probe	1 pc
calibration block(8mm)	1 pc
USB cable	1 pc

OPTIONAL ACCESSORY

High temperature probe	EMU-B100-T02
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SPECIFICATION OF PROBES

Part No.	Magnet	Measuring range	Diameter(Ød)	Working temperature	Applications
EMU-B100-T01 (included)	permanent magnet	.06"~5.90"	.78"DIA	14~248°F	General use, mainly used for fine crystal materials, such as mild steel, aluminum
EMU-B100-T02 (optional)	permanent magnet	.06"~11.81"	.98"DIA	14~1112°F	High temperature environment, mainly used for ferromagnetic fine crystal materials, such as mild steel