



EMAT ADAPTER GS2020

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Product Features

- ▶ No couplants or surface preparation
- ▶ Amplifier, automatic gain control and averaging produces good signals, even on stainless steel
- ▶ Integrates with UT flaw detectors with no retraining
- ▶ Compatible with Sonemat's bulk wave probe range



Unlock the full potential of EMAT NDT with the EMAT Adaptor GS2020. Seamlessly integrating EMATs into your current setup, it brings pulse-echo flaw detection and thickness gauging to the forefront without the need for costly replacements.

Compatible with most conventional UT flaw detectors and thickness gauges, it's your gateway to EMAT technology, providing unparalleled value and performance.



Applications



The GS2020 is suitable for a range of industrial applications, in non-destructive testing (NDT) in sectors such as energy generation, petrochemical and oil & gas. Its broadband frequency response and adaptability make it perfect for material characterization, flaw detection, and thickness measurement.

- Thickness gauging ($\pm 0.1\text{mm}$)
- Corrosion monitoring
- Acoustic birefringence
- Crystallographic texture
- Boiler tube inspection
- Defect detection



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 **MADE IN
BRITAIN**

Feature	Description
Included in Kit	GS2020 EMAT adapter in a hard carry case, with carry strap, 3 coaxial cables, instructions manual and standard shear wave EMAT (HWS2225-GC)
Dimensions	191 x 137 x 37mm (L x W x D) approx.
Weight	1.0kg (inc. batteries)
Storage Temp.	-10°C TO +60°C
Operating Temp.	0°C TO +40°C
Max. Input Voltage	1000V, 100ns pulse width @ 1kHz
Max. Output Voltage	+/- 500mV, Bandwidth: 500kHz - 10MHz
Power	4x AA Batteries (Typically 12hrs battery life), DC power via 6V available at customer request
Connections	3 x LEMO 00 coaxial
Compatibility	Most UT flaw detectors, and some UT thickness gauges - contact us for more information

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