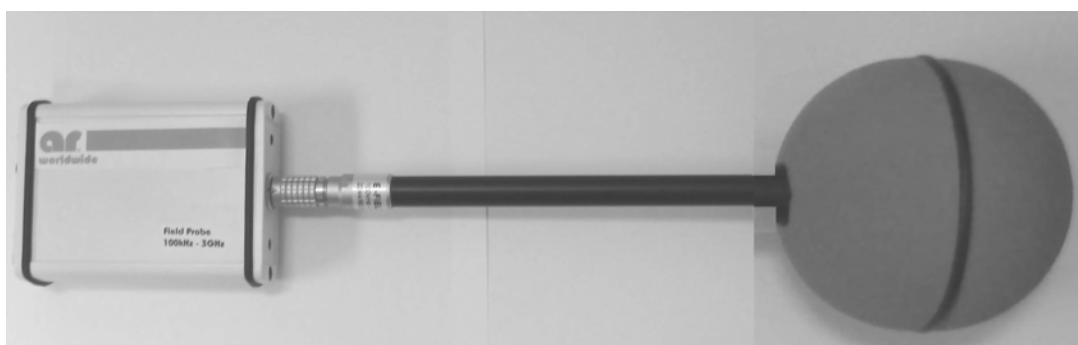


**Model FH7103/Kit**  
**Magnetic Field Probe Kit**  
**300kHz–30MHz**  
**0.012–17 A/m**

The FH7103/Kit includes the FH7103 probe, 10 meter glass cable, international battery charger and carrying case.

The FH7103 is a broadband isotropic magnetic field measurement instrument for use in EMC and EMI applications. The FH7103 communicates through glass fiber optic cables (up to 100 meter cable between the FM7004 and the FH7103) to the master control center FM7004. The operator can select any single axis of the three axis probe or a composite reading.



**FH7103 SPECIFICATIONS**

Frequency Response (w/calibration factors applied) ...	$\pm 0.5$ dB, 300kHz–30 MHz
Analog Response Time .....	50 usec
Isotropic Deviation .....	$\pm 1$ dB
Sensitivity .....	0.012–17 A/m
Linearity .....	$\pm 3$ dB (0.017–0.033 A/m)
	$\pm 1$ dB (0.033–0.066 A/m)
	$\pm 0.5$ dB (0.066–3 A/m)
	$\pm 1$ dB (3–17 A/m)
Damage Level .....	> 35 A/m, CW, 350 A/m pulse*
Probe Sampling Rate .....	60Hz, 50Hz, 5 Hz. - user selectable
Data Transfer Rate .....	>30 samples per second
Power Requirements .....	2 built-in NiMH batteries, size AA, rechargeable, changed by operator, 40 hours operating life per charge.
Battery Charger .....	Standard recharger included, 3 hour charge time.
Dimensions .....	Approx. 400 x 120 x 120 mm including base and probe head
Probe Head Diameter .....	120mm
Weight .....	350g approx.
Ranges .....	Single continuous range
Operating Temperature Range .....	0 to 50°C

\*Pulse length 1 usec, duty cycle 1:100