

Model FP7060/Kit
Electric Field Probe Kit
100MHz–60GHz
0.7–300 V/m

The FP7060/Kit includes the FP7060 probe, 10 meter glass cable, international battery charger and carrying case.

The FP7060 is a broadband isotropic electric field measurement instrument for use in EMC and EMI applications. The FP7060 communicates through glass fiber optic cables (up to 100 meter cable between the FM7004 and the FP7060) to the master control center FM7004. This probe only returns composite values.



FP7060 SPECIFICATIONS

Frequency Response (w/calibration factors applied) ...	± 1 dB, 100 MHz–400 MHz ± 1.5 dB, 400 MHz–1.8 GHz ± 1 dB, 1.8 GHz–60 GHz
Analog Response Time	50 usec
Isotropic Deviation	± 1 dB
Sensitivity	0.7–300 V/m
Linearity	± 3 dB (1–2 V/m) ± 1 dB (2–250 V/m) ± 2 dB (250–300 V/m)
Damage Level	1600 V/m, CW
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. 420 x 85 x 65 mm including base and probe
Probe Head Diameter	65 mm
Weight	350g approx.
Ranges	Single continuous range
Operating Temperature Range	0 to 50°C