

FS 60



Frequency range of operation	50 MHz - 60 GHz
Frequency response	Shaped (Occupational/Controlled) * – ICNIRP (1998) – FCC [NCRP] OET65 (1997) – Canada Safety Code 6 (2015)
Sensor polarisation	Isotropic
Isotropy	± 3 dB < 6 GHz
Probes	E Field & H Field (3 orthogonal probes each)
Result type	Time-averaged RMS power density
Calibration interval	2 yearly
Level indicators 7 LED's	Percentage of Exposure Reference level 2 %, 5 %, 10 %, 25 %, 50 %, 100 %, 200 %
Audio Alarm Indicators 50% (5 th LED) 100% (6 th LED) 200% (7 th LED)	4 kHz loud buzzer to cut through wind & noise 0.75 Hz beep rate 1.5 Hz beep rate 3 Hz beep rate
Operation	Single button operation.
CW damage levels	26 dB above Standard/ 40 000% of Standard
Data logging	E, H and Maximum, 6-minute average & audio notes
PC connection	Micro USB connection. Software available on website
Fall detection system	3 axis accelerometer
Battery life	6-12 months on average usage
Low battery warning	Flashing LED
Battery type	2 x 1.5 V Size AAA(LR03) alkaline
Mounting options	Handheld (with wrist strap on lanyard) Harness (with special harness strap) Harness (with rapid clip system) Tripod socket (remote monitoring)
Included	Rapid clip harness attachment mechanism Versatile rubber strap attachment mechanism Wrist strap, adjustable USB cable for accessing data & voice logs User manual & calibration certificate Rugged reusable zipper case 4 x AAA type batteries (2 in device, 2 extra)
Dimensions	146 x 26 x 42mm
Weight (incl. batteries)	0.25 lb, 115g
Temperature	Operating: -20°C – 50°C
Additional environmental testing	Vibration, Drop, Humidity
Certification	CE

* Minor differences in exposure standards introduce small variations in measurement uncertainty at specific frequencies. Specific details can be supplied and are listed in the user manual.