Specifications

Frequency range	80 MHz to 2.5 GHz isotropic reception due to orthogonally arranged antenna elements that can be electronically switched
Field-strength measurement range	approx. 1 mV/m to 100 V/m[1)]
Sensor connecting cable	2 m (detached sensor operation via long cables possible, see Recommended extras)
Sensor connectors	1 × N, 1 × 9-contact Sub-D (switch)
Tripod adapter	¼-inch thread (for standard tripod)
Power supply, mobile	internal NiMH battery, 4-hour operation; alternatively, external 15 V to 20 V DC
Power supply, AC	100 V to 240 V AC, 50 Hz to 60 Hz
Operating temperature range	0 °C to + 50 °C
Ambient conditions for sensor	–10 °C to +50 °C, safety class IP54
Weight	3.5 kg

Requirements for laptop/PC (not part of equipment supplied)	
Operating system	Windows 2000, Windows XP
Hard disk space	min. 4 Mbyte
Display resolution	min. 800 x 600
Interfaces	1 × USB 1 × RS-232-C (alternatively: 2 × USB with USB – RS-232-C converter)
Equipment supplied	– Spectrum Analyzer R&S FSH3 – Isotropic sensor – EMF Software R&S RFEX – Converter (for sensor control) – Cable set – Carrying bag for R&S FSH3

1) In the case of high field strengths, controller and R&S FSH3 must be operated in a shielded environment.

Ordering information

Designation	**Type**
Portable System for EMF Measurements	R&S TS-EMF
Recommended extras	
1 set of sensor cables (8 m)	
Tripod	