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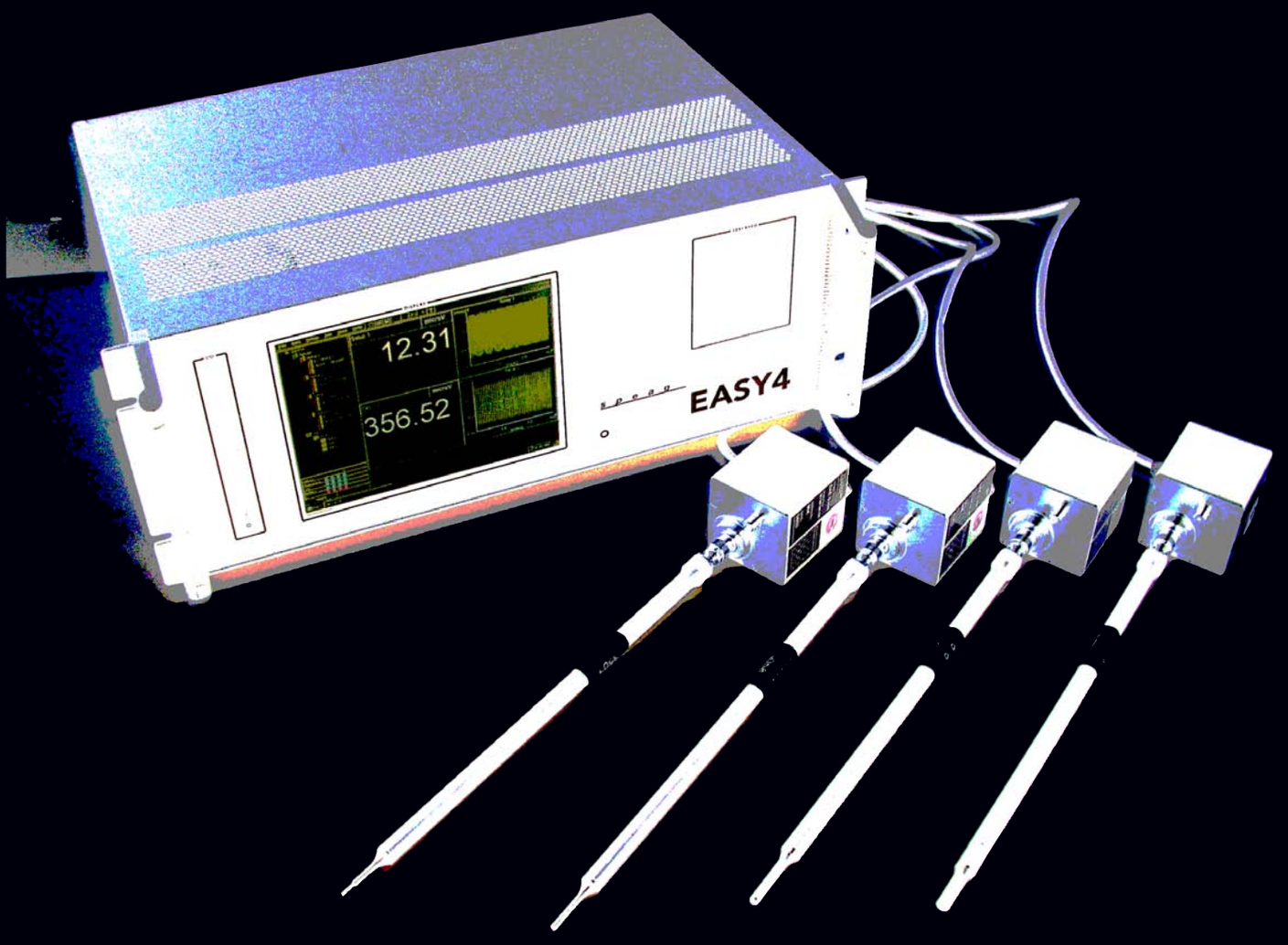
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Find the *Speag EASY4* at our website: *Click HERE*

EASY4

Four Channel
Exposure Acquisition System



What is EASY4?

EASY4 is a standalone measurement system for multi-channel, high precision electromagnetic field evaluation and monitoring. It allows for connection of up to four probes via individual DAEasy. Each measurement channel is controlled by a separate process which can be parameterized individually.

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EASY4 Four Channel Exposure Acquisition System

Applications

High precision measurements in anechoic chambers, open test sites, EMC laboratories, in-house exposure evaluation, production line QA testing, dosimetry and further applications requiring high precision and reliable field monitoring

System Specifications

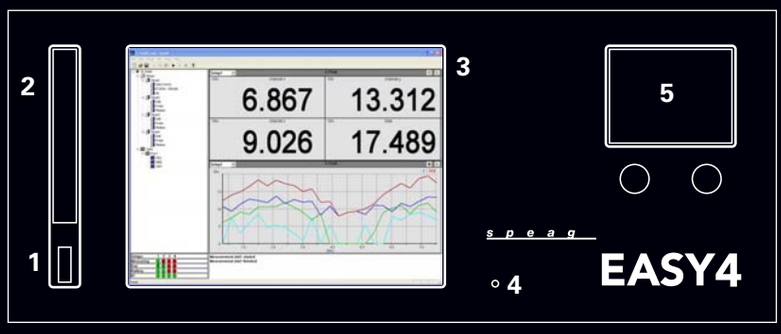
Field Meter	Display of values and statistics
Scope Meter	Values vs. time
Sampling Rate	ms to hours
Optical Link	up to 10m (EASY to DAEasy4)
Remote Control	Interface DLL+API LabView (optional)
Size	19" module (table or rack mounted)
Power Supply	100-240 V AC, 50-60 Hz, approx. 50W Battery, 12 V DC (optional) Remote supply of DAEasy (optional)

Measurement Capability

Compatible with any SPEAG probe and Data Acquisition Electronics (DAE4, DAEasy4, DAE3)

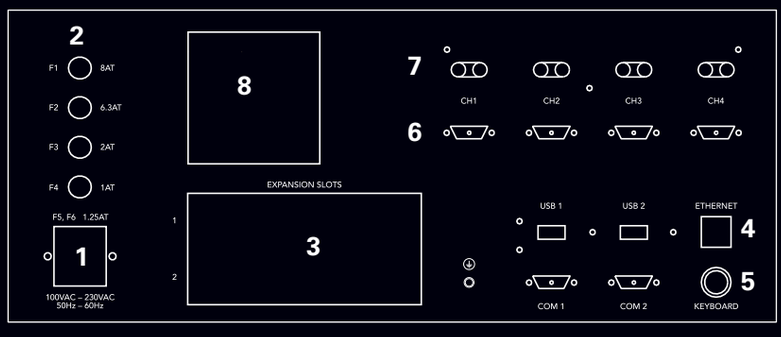
E-Field	Frequency range: 100 - 6000 MHz Dynamic range: 2 - 1000 V/m Spatial resolution: < 7 mm Directivity: < ±0.3 dB
H-Field	Frequency range: 200 - 3000 MHz Dynamic range: 10 - 2000 mA/m @1 GHz Spatial resolution: < 4 mm Directivity: < ±0.4 dB
SAR	Frequency range: 10 - 6000 MHz Dynamic range: 5uW/g - 1000 mW/g Spatial resolution: 2.5 - 7 mm Directivity: < ±0.3 dB
Temperature	Dynamic range: 0°C - 60°C Noise: < 2 mK (sampling time: 0.1s) Spatial resolution: 1 mm
Other Probes	Custom interface on request

Front Panel



1. Power on switch
2. Floppy disk drive
3. Color LCD display(8.4" SVGA,800x600)
4. Brightness control
5. Track pad with two buttons

Back Panel



1. Mains socket with fuse
2. 4 fuses for internal low voltage supply
3. 2 expansion slots for future applications
4. Ethernet connector to external PC
5. Connector for keyboard
6. 4 x D-sub 9pole to external EOC-E; either optical or D-sub connector is active (automatically detected)
7. 4 x optical detector
8. Cooling fan

Schmid & Partner Engineering AG

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