



Safety in electromagnetic fields

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Magnetic fields at your workplace? The ELT-400 performs instant analysis!

- STD evaluation – Direction indication of exposure as a percent of the limit
- Field strength indication
- Automatic adaptation to different field shapes
- Insightful and dependable measurement results (calibrated)
- Very wide frequency range (1 Hz – 400 kHz)
- RMS and peak values
- Standards-compliant with isotropic 100 cm² probe

Innovative, highly beneficial measurement technique!

Measuring has never been so easy!

The ELT-400 evaluates magnetic fields quickly and correctly, and is the ideal solution for safety officials in industry and for service providers in the environmental sector.

STD function for reliable and insightful evaluation

Multiple field sources with different frequencies are commonly encountered in manufacturing environments. The magnetic fields tend to be highly complex, e.g. systems with phase proportioning or pulsed fields. Proper evaluation requires information about the field sources that can be difficult to obtain.

Here, the shaped time domain (STD) evaluation function is a tremendous help: Just press a key and, without any detailed understanding of the measurement procedure, you will immediately see whether there is any safety reserve left and if so, how much.

Different device versions and combinations

The ELT-400 is available in various combinations:

- STD modes for various standards (e.g. ICNIRP, BGV B11, pr EN 50392, 26th BImSchV)
- Field strength measurement with different sensitivities

Previously	Now
1 Measure field strength	1 Press a single key and get an immediate percent-of-limit indication (the STD advantage)
2 Determine frequencies	
3 Read off divergent limits from standard	
4 Compute percent of limit	



Heating

Welding

Theft control

Power distribution

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The device's remote probe and analog output for external signal analysis are highly practical in many applications.

