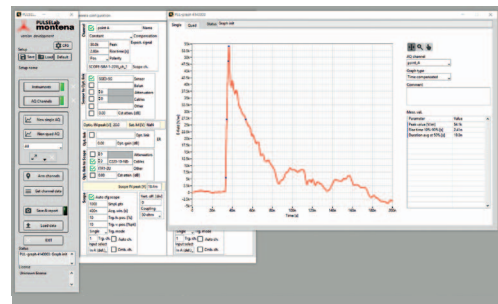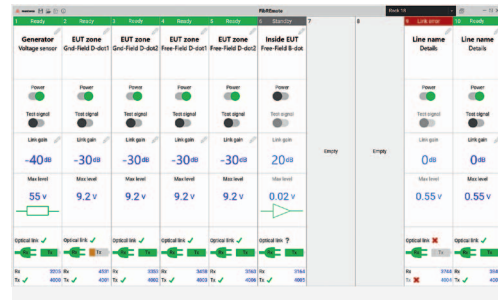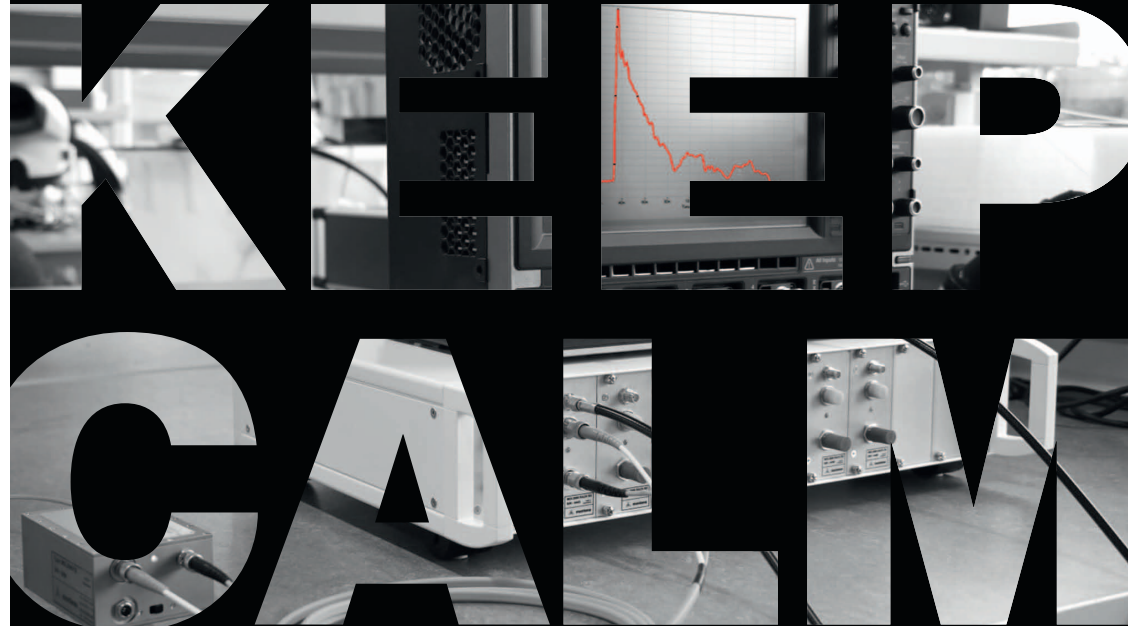**SOFTWARE APPLICATIONS**

FibREmote Windows-based configuration tool.

LabVIEW drivers and set of API commands available for 3rd party management software.

PULSELab software for pulsed waveforms acquisition, post-processing, display and report generation.

montena

montena

KEEP CALM

MOL2000T **High performance analogue signal transmission over fibre**

MOL2000T –
Broadband fibre optic links for harsh electromagnetic environment

Fibre optic transmission system optimized for the measurement of fast transient signals, as for instance in HPEM testing.
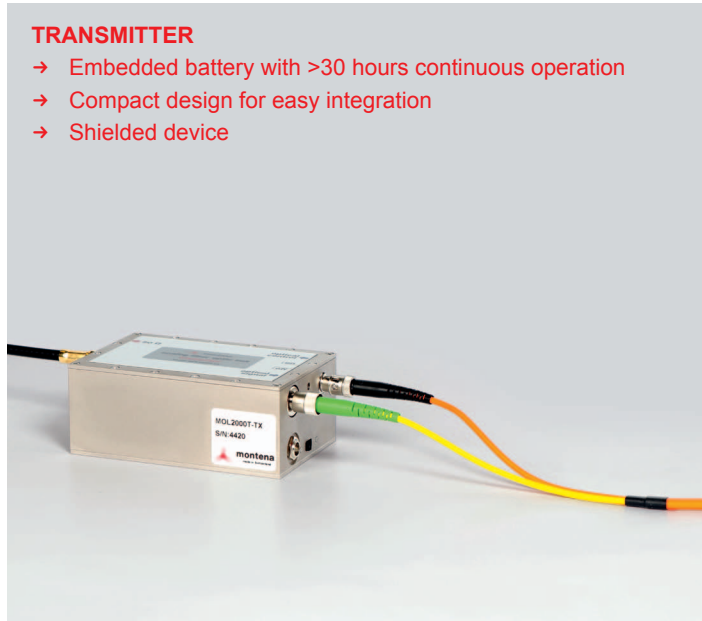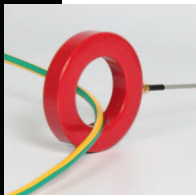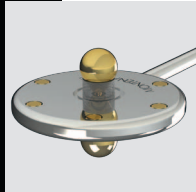
Ultra-wide **80 Hz – 3.5 GHz** bandwidth ensures an accurate transmission of fast rise time and long pulse duration signals.

Very high immunity to electromagnetic field guarantees unaltered performance, even when exposed to a >500 kV/m EMP.

Remote gain control and standby mode provide high flexibility when testing large and complex systems.

RECEIVER OPTIONS:

MULTILINK ASSEMBLY
→ 19" 2U chassis
→ Up to 10 simultaneous channels per chassis

STAND-ALONE RECEIVER
→ For point-to-point use
→ Battery operated
→ Shielded device

TRANSMITTER
→ Embedded battery with >30 hours continuous operation
→ Compact design for easy integration
→ Shielded device

up to 1 km

APPLICATIONS

HPEM / EMP / UWB testing.

Accurate signal transmission in environments subject to high electromagnetic fields.

Fast impulse or CW signal transmission over long distances.

Measurements in high voltage substations, in physics research centres.

Shielding effectiveness and transfer function measurement with antennas.

FEATURES

MOL2000T is available in point-to-point and multilink versions.

Built-in attenuators and preamplifier can be remotely configured for an optimized dynamic.

MOL2000T comprises automatic regulation of optical losses and thermal compensation for high accuracy measurements.

The optical signal and battery levels are monitored and status messages are reported to the user interface.