

New Product release:

Luciol Instruments SA releases the LOR-200, high-resolution OTDR

The LOR-200 from Luciol Instruments is a fully portable high resolution OTDR. It is similar in shape and feel to a standard portable OTDR, but achieves unprecedented resolution. It is based on Luciol proprietary technology: scanning photon counting (patent pending).

The LOR-200 distinguishes events with 20 cm separation and has a sub-m attenuation deadzone. It features a very high contrast (defined as the ratio between the highest signal and the noise on a trace), which allows to see both high reflections and Rayleigh Back Scattering on a single trace. It is therefore an exceptional instrument for characterization of optical fiber assemblies with both loss and high reflections at connectors. Its unique dynamic range for short pulse lengths (up to 15 dB for 2 ns pulses) enables to see through optical splitters, even over very short distances. This combination of high resolution and high dynamic range makes it an excellent tool for Passive Optical Network (PON) installation and monitoring. The 1625 nm option with matched filter allows the use of the LOR-200 on live PONs, without disturbing the transmission.

The LOR-200 is available for a variety of fiber types and wavelengths as a custom system. It is now ready for ordering and shipment from Luciol.

For more information, kindly contact Luciol Instruments SA:

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(see page 2 for a picture)

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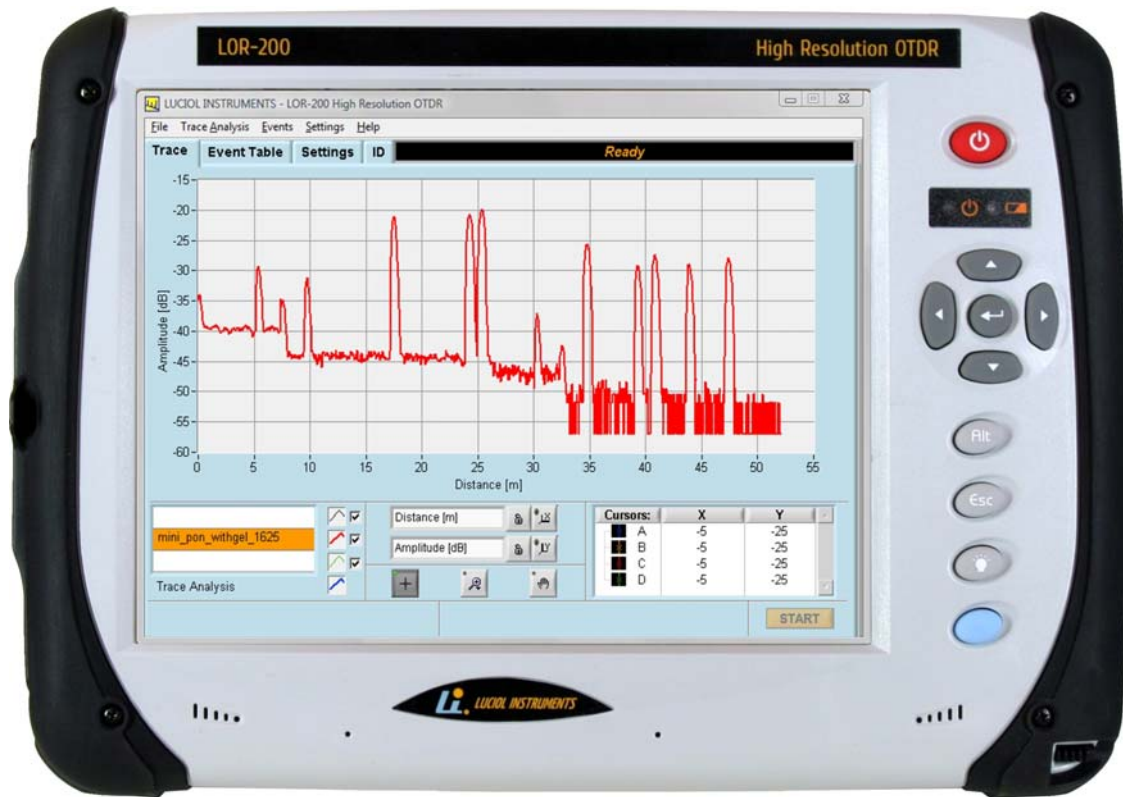


Figure1: The LOR-200, with the trace of a mini-PON, including two 1X4 optical splitters, several closed FC/PC connectors and several end-reflections.