

THz Product Overview

System Selection Guide

Being an expert for femtosecond fiber lasers and stabilization technology, Menlo Systems integrates the proprietary and patented Menlo figure 9[®] technology lasers into its THz systems for highest reliability and robustness. All THz-TDS systems use fiber-coupled THz emitters and detectors, and are complete and ready-to-use turnkey solutions, including the scanning devices, system electronics, THz antennas and optics, PC and spectrometer software. A smart TCP socket interface allows platform-independent remote control over ethernet connections for seamless integration in existing experiments and industrial environments. Various add-ons, e.g. for THz imaging, reflection measurements, or in-depth data analysis, are available. Custom fiber lengths to THz emitter and THz detector are available upon request. Moreover, multi-branch configurations are possible, enabling simultaneous measurements of several emitter/detector pairs using only one fs fiber laser oscillator. For an overview over the available extensions, see the product sites or contact our THz expert.

Installation and User Training

Our THz experts perform system installation and user training in the customers' lab, offering personalized consulting on specific applications, both for scientific and industrial customers.

Quality Made in Germany

Our systems are designed and manufactured in Germany. Each system undergoes a full qualification and is calibrated prior to shipment to guarantee best performance.

Compact

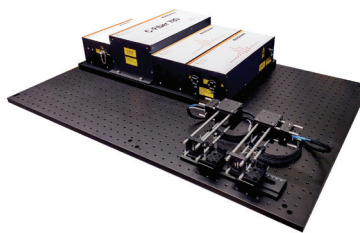
Product: TeraSmart



- Compact 19" rack solution
- Industry-proven fs fiber laser
- Industry-proven mechanical delay line
- Highest bandwidth and dynamic range

Versatile

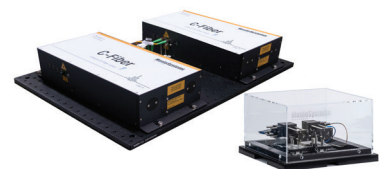
Product: TERA K15



- Scientific laser platform
- Multicolor laser outputs
- Synchronizable laser source
- Modular configuration
- Highest bandwidth and dynamic range

Fast

Product: TERA ASOPS



- Highest speed and flexibility
- Electronical delay
- Highest scan range
- Multicolor laser outputs
- Synchronizable laser source

