

DISPLAYS & PC INTERFACES

Overview of the display modules

We offer four models of meters with display: MIRO ALTITUDE and MAESTRO for both power and energy measurements, as well as TUNER and UNO for power readings. Connect one of these display devices to your detector and you have a complete laser power or energy measurement system



MIRO ALTITUDE

MIRO ALTITUDE is Gentec-EO's flagship product for reading laser power and energy. It was designed to help engineers and service technicians increase their productivity thanks to numerous innovative features in both hardware and software. Enter modern times of laser beam measurement with MIRO ALTITUDE.

Supercharge your productivity with an intuitive user interface, an extra large screen, tons of connectivity possibilities, 3 convenient display modes, a built-in dataviewer and a built-in file manager.

■ PROFESSIONAL LASER POWER & ENERGY METER



MAESTRO

The MAESTRO power & energy meter is our top of the line display device with an extra-large 5.6 in color LCD display and fully touchscreen controls. With its unique user interface and faster electronics, it will do more, in less time, and with less effort than any other meter on the market!

■ LASER POWER & ENERGY METER



TUNER

The TUNER power meter display presents both a large LCD display and an ultrafast needle. It also features min and max holds for both displays, comet tail needle and bar graph function. The TUNER comes in Gentec-EO's ergonomic design, with a large LCD display and easy to use direct access keys.

■ ULTRA-FAST TUNING NEEDLE



UNO

The UNO is a simple power meter display, with large contrast fields and direct access buttons. Its extremely low power consumption allows it to work on standard alkaline batteries, making it the display of choice for service technicians working in the field. With the lowest price for a display meter, the UNO is the perfect choice when looking for a reliable, entry-level power meter.

■ ECONOMICAL POWER METER

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Overview of the PC interfaces

The Gentec-EO PC interfaces come in various sizes and types to cover all applications. We offer models for power or energy measurement, or both. Most of our PC interfaces are single-channel, and we also offer models with either 2 channels or even up to 4 channels.

LINK SERIES



The U-LINK, P-LINK, S-LINK and M-LINK are PC interfaces for our power or energy detectors and are provided with free software applications.

- U-LINK is a universal power & energy meter that measures ALL detectors in our product range up to 10 kHz repetition rate. It has a very small footprint.
- P-LINK is a small power meter, available with either a USB or RS-232 connector. A 4 Channel version is also available.
- S-LINK comes with 1 or 2 channels and measures energy detectors at a very fast rate. It comes with a USB connector, Ethernet also available in option.
- M-LINK is a universal power & energy meter that measures ALL detectors in our product range and features a unique noise suppression method.

■ PC-BASED POWER OR ENERGY METERS

DISPLAY DEVICES



	MIRO ALTITUDE	MAESTRO	TUNER	UNO
Detector Compatibility				
Power measurement	UP, XLP, PH, HP	UP, XLP, PH, HP, UM-B, THZ-D	UP, XLP, PH & HP	UP, XLP, PH & HP
Energy measurement	QE, also UP & XLP in SSE mode	QE, PE, also UP & XLP in SSE mode	N/A	N/A
Display	10in touchscreen	5.6in touchscreen	3.8in LCD, backlit	3.8in LCD
Output	2xUSB, USB-C, RS-232, Ethernet	USB, RS-232, Ethernet, analog output	Analog output	N/A
Data logging	Internal memory and USB key	USB key	N/A	N/A
External trigger	Yes	Yes	N/A	N/A
Number of channels	1	1	1	1

PC INTERFACES



	U-LINK	P-LINK	S-LINK	M-LINK
Detector Compatibility				
Power measurement	UP, XLP, PH, UM-B, THZ-D	UP, XLP & PH	UP & XLP	UP, XLP, PH, THZ-D
Energy measurement	QE, PE, also UP & XLP in SSE mode	UP & XLP in SSE mode	QE, PE, also UP & XLP in SSE mode	QE, PE, also UP & XLP in SSE mode
Output	USB, analog output & sync. out. RS-232 available on certain models	USB & analog output. RS-232 available on certain models	USB & Ethernet	USB & analog output
External trigger	Yes	N/A	Yes	Yes
Maximum repetition rate	10 kHz/channel	N/A	10 kHz/channel	1 kHz
Number of channels	1	1 or 4, depending on model	1 or 2, depending on model	1

DISPLAYS & PC INTERFACES

Overview of the PC interfaces



PC INTERFACES

While the vast majority of Gentec-EO detector heads are compatible with the U-LINK and S-LINK PC interfaces, a few of our specialized detectors require different data processing methods. In this case, we offer dedicated PC interfaces that are optimized for these measurements.

■ HIGH-PERFORMANCE ELECTRONICS FOR SPECIALIZED MEASUREMENTS

DEDICATED PC INTERFACES



	T-RAD	T-RAD-ANALOG	QUAD-4TRACK	MACH 6	APM (D)
Detector Compatibility					
Power measurement	THZ-B series (-DZ models)	THZ-B series (-DA models)	QUAD-P series	N/A	UM-B series & THZ9D
Energy measurement	N/A	N/A	QUAD-E series	M6 series	M6 (with adaptor), QE-B & PE-B series
Output	USB & analog output	Analog output	USB & analog output	USB & analog output	Analog output
External trigger	Yes	Yes	Yes	Yes	N/A
Maximum repetition rate	N/A	N/A	1 kHz	200 kHz	Depends on the detector
Number of channels	1	1	4 (1 detector)	1	1

ALL-IN-ONE DETECTORS

Overview of the different models

We also offer displays and PC interfaces which are integrated with the detector head. We offer four families of these all-in-one detectors. INTEGRA features either a USB or RS-232 output for a direct connection to your PC. BLU is available for all our thermal power detectors and allows you to view and log power measurements on your mobile device or PC. PRONTO includes a display, so you have everything you need in a single, portable device.



INTEGRA

The INTEGRA version of our standard laser power or energy detectors allows you to read your measurements directly on your PC thanks to our free software.

Simply carry your all-in-one detector and plug it in your PC any time you need to measure your laser power or energy. No need to buy a separate meter!

■ USB LASER POWER OR ENERGY METER



BLU

Our thermal power detectors (UP and HP series) are available in their BLU version, which allows you to read your power measurement directly on your mobile phone or PC thanks to Bluetooth connectivity.

You get the same high accuracy measurements without the need to connect any wires or to carry a separate acquisition & readout device. This solution is not only more practical, but also more economical compared to our other laser power measurement systems.

■ WIRELESS LASER POWER METER



PRONTO

Our PRONTO series is of high interest for those who need a laser measurement system that is portable and compact. These products can be handheld (for low power only) or placed on a stand like our standard detectors.

These user-friendly products are so simple to use that anyone can start using them within seconds. They all offer data logging on their internal memory. Data can then be transferred to your PC via USB.

■ PORTABLE, ALL-IN-ONE LASER POWER METERS



HP

Our HP series of high power detectors include internal signal processing and two data output options: USB to read and log measurements with your computer, or DB15 to use a Gentec-EO display such as MAESTRO.

If you prefer going wireless, the HP detectors are also available with the BLU option.

■ ALL-IN-ONE SOLUTIONS FOR HIGH POWER MEASUREMENT

POWER DETECTORS

ENERGY DETECTORS

BEAM PROFILING

TERAHERTZ DETECTORS

DISPLAYS & PC INTERFACES

CUSTOM / OEM PRODUCTS