

# DISPLAY DEVICES

## OVERVIEW OF THE DIFFERENT MODELS

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



### MAESTRO

The MAESTRO power & energy meter is our top of the line display device with an extra-large 5.6in color LCD display and fully touch screen 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!



COLOR LCD



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### TUNER

The TUNER power meter display presents both a large LCD display and an ultrafast needle, up to 10X faster than anything else on the market. It comes with more features than the competition, like 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

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### 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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DISPLAYS & PC INTERFACES  
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PHOTODETECTORS  
THZ DETECTORS  
OEM DETECTORS  
SPECIAL PRODUCTS  
BEAM DIAGNOSTICS

# PC INTERFACES

## OVERVIEW OF THE DIFFERENT MODELS

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



### U-LINK

The U-LINK is our new PC interface that can replace all others! It is as small as the P-LINK, as fast as the S-LINK and as versatile as the M-LINK.

This PC interface can read ALL our detectors, for both power and energy measurement. It is available with either a USB or an RS-232 output.

- SMALL, FAST & UNIVERSAL

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### S-LINK

The S-LINK comes with 1 or 2 channels and measures pulses at up to 10 kHz per channel. It comes with either a USB or an Ethernet output.

This PC interface works for both power and energy measurement. It is compatible with our thermal power detectors (UP series), our pyroelectric energy detectors (QE series) and our photodiode energy detectors (PE-B series).

- OUR FASTEST ENERGY METER

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### DEDICATED 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.

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# COMPARISON TABLE

## UNIVERSAL DISPLAYS & PC INTERFACES



	MAESTRO	TUNER	UNO	U-LINK	S-LINK
<b>DETECTOR COMPATIBILITY</b>					
POWER MEASUREMENT					
UP & XLP series	●	●	●	●	●
PH series	●	●	●	●	●
UM-B & THZ-D series	●			●	
ENERGY MEASUREMENT					
QE & PE-B series	●			●	●
UP & XLP series (in single-shot mode)	●			●	●
<b>DISPLAY</b>	5.6in LCD Touch Screen	3.8in LCD With Tuning Needle	3.8in LCD 32 mm Digits	None	None
<b>PC INTERFACE</b>	●			●	●
<b>OUTPUTS</b>					
USB	●			●	●
USB Key Port	●				
RS-232	●			Optional	Optional
Analog Output	●	●		●	
Ethernet	●				●
<b>EXTERNAL TRIGGER</b>	●			●	●
<b>MAX REPETITION RATE</b>	2 kHz (10 kHz sampling)			10 kHz	10 kHz/Channel
<b>NUMBER OF CHANNELS</b>	1	1	1	1	1 or 2
<b>PRODUCT PAGE</b>	<a href="#">18</a>	<a href="#">22</a>	<a href="#">24</a>	<a href="#">26</a>	<a href="#">28</a>

## DEDICATED DISPLAYS & PC INTERFACES



	T-RAD	T-RAD-ANALOG	QUAD-4TRACK	MACH 6	APM
<b>DETECTOR COMPATIBILITY</b>	THZ-B series (-DZ models)	THZ-B series (-DA models)	QUAD series	M6 series	M6 (with adaptor), UM-B, QE8, THZ9D & PE-B series
<b>OUTPUTS</b>					
USB	●		●	●	
Analog Output	●	●	●	●	●
<b>EXTERNAL TRIGGER</b>	●	●	●	●	
<b>MAX REPETITION RATE</b>			1 kHz	200 kHz	Depends on the detector
<b>NUMBER OF CHANNELS</b>	1	1	4 (1 detector)	1	1
<b>PRODUCT PAGE</b>	<a href="#">138</a>	<a href="#">138</a>	<a href="#">164</a>	<a href="#">52</a>	<a href="#">52</a>

DISPLAYS & PC INTERFACES

ENERGY DETECTORS

POWER DETECTORS

HIGH POWER SOLUTIONS

PHOTODETECTORS

THZ DETECTORS

OEM DETECTORS

SPECIAL PRODUCTS

BEAM DIAGNOSTICS

# 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 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 proprietary 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

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### BLU

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

You get the same high accuracy measurement 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

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### 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

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### 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

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