DISPLAYS & PC INTERFACES

ENERGY DETECTORS

POWER DETECTORS

HIGH POWER SOLUTIONS

PHOTODETECTORS

THZ DETECTORS

OEM DETECTORS

SPECIAL PRODUCTS

BEAM DIAGNOSTICS

BLU

Wireless Bluetooth® PC interface

BLU
Wireless Module

Bluetooth Low
Energy (BLE)
Communication

Power button to
extend battery life

UP power detector

Recharge via USB

WATCH OUT FOR THIS LOGO!

AVAILABLE
WITH

KEY FEATURES

1. **ALL-IN-ONE DETECTOR + METER**
   This new line of All-in-One detectors combine a detector and a meter with Bluetooth connectivity in one convenient product. No need to carry a meter!

2. **SAVE 50% ON CALIBRATION COSTS**
   One product = one calibration. Reduce your recalibration costs by half!

3. **CROSS-PLATFORM SOFTWARE**
   Display the results on your mobile device with the Gentec-EO BLU app available FREE on Google Play and Apple Store. Need to use it with a PC? Simply plug in the included Bluetooth receptor and use PC-Gentec-EO.

4. **EXTENSIVE COVERAGE**
   Receive data at up to 30m from the detector, with the same performance as the usual detector + PC interface combination.

5. **EASY TO SET UP**
   Perfect for field service, labs and OEM applications.

6. **GO WIRELESS**
   No need to worry about cable length or PC interface location.

7. **LONG BATTERY LIFE**
   The USB-rechargeable Li-ion battery lasts up to 5 continuous days with the device running
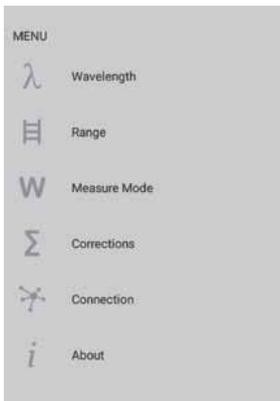
MEASURE WITH YOUR SMARTPHONE, TABLET OR PC

13.0 mW

6.47 mW

-31,4 mW

-24,4 mW

-22,8 mW

SEE ALSO

BLU

FREE SOFTWARE FOR **SMARTPHONES** AND **TABLETS**

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MAIN CONTROLS

Connecting a BLU device is very simple in the mobile application. Just open the app and it will automatically search for all available devices. Then, tap on the desired device in the list.

If there are no devices within range, the app will propose a simulator.

When a BLU detector is connected to a phone or computer, no other device can communicate with it.

MEASUREMENT PARAMETERS

The Menu tab, available with the ☰ icon or by swiping from the left of the screen, allows you to configure the parameters related to your measurements:

Wavelength: Enter the Wavelength of your laser and the software will apply the appropriate correction factor on the measurements.

Range: Set the power or energy Range to a fixed scale or let the software automatically adjust the scale.

Measure Mode: Select the type of Measurement that will be displayed: Power, in Watts (default) or Single Shot Energy, in Joules (Energy/Calorimeter mode).

Corrections: Apply a Multiplication Factor and/or an Offset to your measurements.

Trigger Level: Set the Trigger Level in 0.1% steps, from 0.1% to 99.9% (in Energy mode only).

Connection: Use this option to see the list of BLU devices within range.

MULTIPLE DISPLAYS

Select the display that suits you best and watch your measurements in real time! Simply swipe the screen to switch between the various displays:

Scope: Line filling graph; grab screenshots to save & share easily with your device

Needle: Fast analog-like needle

Real Time: Real time value and corresponding bar graph

Statistics: Min, Max, Average, RMS and PTP Stability and Standard Deviation

DATA ACQUISITION

The Acquisition screen allows you to enter the parameters for data acquisition:

Power Mode: Choose a sample rate (number of measurements per interval of time) and a duration (in days, hours, minutes and seconds) for the data acquisition.

Energy Mode: Choose a sampling rate (1 pulse out of X pulses) and a duration (total number of pulses) for the acquisition of data.

Once the acquisition is complete, you can export the data to any of the data-sharing apps installed on your mobile device, or send it by email