

MIRO ALTITUDE

Touchscreen display device for power & energy measurement.
Single-channel.



PRODUCT FAMILY KEY FEATURES

NEW: READS INTEGRA ALL-IN-ONE DETECTORS

With the [latest firmware update \(V1.01.00\)](#), MIRO ALTITUDE is now compatible with Gentec-EO's INTEGRA (USB) series.

- Power detectors: XLP, UP and PH series
- Energy detectors: QE series*, UP and XLP series in energy mode

*Except QE8 detectors

A SCREEN DESIGNED FOR PROFESSIONAL USE

10" high-resolution, anti-glare touchscreen, just like one would expect nowadays for a professional work tool.

A USER INTERFACE THAT WON'T LEAVE YOU SEARCHING AROUND

With its modern and intuitive user interface, MIRO ALTITUDE is so simple to use that it is literally plug-and-play. It was designed to take full advantage of its larger-than-life screen so you can see at a glance all that matters to your measurement at all times.

SUPER STRONG AND DURABLE

Remarkably strong and durable metal casing that you won't be afraid to break in the field or during transportation.

CONNECTIVITY POSSIBILITIES

Support for analog output and external trigger, as well as USB keys to log data.

CONVENIENT WAYS TO USE IT

- Tabletop
- On a stand
- Handheld

DISPLAY MODES FOR ALL USE CASES

MIRO ALTITUDE has 3 display modes, including one that lets you time-travel to check past data points without interrupting the current measurement session, and another mode with extra large size digits that you can view from across the room.

FEATURING XNR ANTICIPATION™

Measure up to 10x faster (detector-dependant) with XNR Anticipation™, which is probably the fastest measuring capability ever brought to a measurement instrument in this industry.

BUILT-IN DATA VIEWER

View a recorded measurement session directly on your MIRO ALTITUDE.

BUILT-IN FILE MANAGER

Save and organize your recorded measurement sessions and screenshots or move your files to your USB stick.

READS MOST HEADS

MIRO ALTITUDE is compatible with almost all Gentec-EO power and energy detectors with the standard DB15 output.

- Power detectors: XLP, UP and PH series
- Energy detectors: QE series*, UP and XLP series in energy mode

*Except QE8 detectors

COMPATIBLE STAND

[STAND-R-443](#)

CONTROLLER AND GUI SPECIFICATIONS

Digital display size	217 x 136 mm LCD - 1280 x 800 pixels
Data display	Real time, scope, statistics, digital tuning needle and averaging
Analog output	0-1 V, full scale, $\pm 1\%$
External trigger	3.3 to 24 V
Data storage via	Internal memory or USB key
Battery type	Rechargeable Li-ion cell
Battery life	6 hours
External power supply	9-24 VDC 3.33 A, USB-C (min 18 W)

POWER METER SPECIFICATIONS

Power range	4 pW - 100 kW
Device accuracy	0.5 % $\pm 3\ \mu\text{V}$ for 20 % to full scale
Statistics	Current value, max, min, average, standard deviation, RMS & PTP stability, time
Response time	Current value, max, min, average, standard deviation, RMS & PTP stability, time

ENERGY METER SPECIFICATIONS

Energy range	2 fJ to 30 kJ
Device accuracy	1 % $\pm 50\ \mu\text{V}$ (<500 Hz) 2% $\pm 50\ \mu\text{V}$ (500 Hz - 10 kHz)
Software trigger level	0.1 to 99.9 %, 0.1 % resolution, default 2 %
Repetition rate ¹	10 kHz
Statistics	Current value, max, min, average, standard deviation, RMS & PTP stability, pulse #, repetition rate and average power

1. Maximum repetition rate may vary with PC and detector speeds.

PHYSICAL CHARACTERISTICS

Dimensions	268W x 196H x 36D mm
Weight	1.36 kg

ORDERING INFORMATION

MIRO ALTITUDE	205516B
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Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at gentec-eo.com/contact-us