MIRO ALTITUDE
Touchscreen display device for power & energy measurement.
Single-channel, multiple outputs (USB, Ethernet, analog).

**KEY FEATURES**

A SCREEN DESIGNED FOR PROFESSIONAL USE
10" high-resolution, anti-glare touchscreen, just like one would expect nowadays for a professional work tool.

AN 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.

TONS OF CONNECTIVITY POSSIBILITIES
More connectivity possibilities than ever before with: Ethernet, RS232, GPIO, external trigger, sync out, analog out, USB-C and 2 USB. No doubt you’ll be able to do the setup you need for optimal productivity.

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 ALL HEADS
MIRO ALTITUDE is compatible with all Gentec-EO detectors, both power and energy.

COMPATIBLE STAND
STAND-S-443-C

---

**SPECIFICATIONS**

**CONTROLLER AND GUI SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital display size</td>
<td>217 x 136 mm LCD - 1280 x 800 pixels</td>
</tr>
<tr>
<td>Data display</td>
<td>Real time, scope, statistics, digital tuning needle and averaging</td>
</tr>
<tr>
<td>Analog output</td>
<td>0-2 V, full scale</td>
</tr>
<tr>
<td>External trigger</td>
<td>3.3 to 24 V</td>
</tr>
<tr>
<td>Serial commands via</td>
<td>USB, Ethernet or RS-232</td>
</tr>
<tr>
<td>Data storage via</td>
<td>Internal memory or USB key</td>
</tr>
<tr>
<td>Battery type</td>
<td>Rechargeable Li-ion cell</td>
</tr>
</tbody>
</table>

---

**POWER METER SPECIFICATIONS**

- Power range: 4 pW - 100 kW
- Device accuracy: 0.5 % ±3 µV 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, pulse #, repetition rate and average power
- Energy range: 2 fJ to 30 kJ
- Device accuracy: 1 % ±50 µV (<500 Hz), 2% ±50 µV (500 Hz - 10 kHz)

**ENERGY METER SPECIFICATIONS**

- Software trigger level: 0.1 to 99.9 %, 0.1 % resolution, default 2 %
- Repetition rate: 1 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.
MIRO ALTITUDE

Touchscreen display device for power & energy measurement.
Single-channel, multiple outputs (USB, Ethernet, analog).

KEY FEATURES

A SCREEN DESIGNED FOR PROFESSIONAL USE
10" high-resolution, anti-glare touchscreen, just like one would expect nowadays for a professional work tool.

AN 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.

TONS OF CONNECTIVITY POSSIBILITIES
More connectivity possibilities than ever before with: Ethernet, RS232, GPIO, external trigger, sync out, analog out, USB-C and 2 USB. No doubt you'll be able to do the setup you need for optimal productivity.

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
TM
Measure up to 10x faster (detector-dependant) with XNR Anticipation TM, which is probably the fastest measuring capability ever brought to a mesurement 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 ALL HEADS
MIRO ALTITUDE is compatible with all Gentec-EO detectors, both power and energy.

COMPATIBLE STAND
STAND-S-443-C

SPECIFICATIONS

CONTROLLER AND GUI SPECIFICATIONS

POWER METER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power range</td>
<td>4 pW - 100 kW</td>
</tr>
<tr>
<td>Device accuracy</td>
<td>0.5 % ±3 µV for 20 % to full scale</td>
</tr>
<tr>
<td>Statistics</td>
<td>Current value, max, min, average, standard deviation, RMS &amp; PTP stability, time</td>
</tr>
<tr>
<td>Response time</td>
<td>Current value, max, min, average, standard deviation, RMS &amp; PTP stability, time</td>
</tr>
</tbody>
</table>

ENERGY METER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy range</td>
<td>2 fJ to 30 kJ</td>
</tr>
<tr>
<td>Device accuracy</td>
<td>1 % ±50 µV (&lt;500 Hz) 2% ±50 µV (500 Hz - 10 kHz)</td>
</tr>
<tr>
<td>Software trigger level</td>
<td>0.1 to 99.9 %, 0.1 % resolution, default 2 %</td>
</tr>
<tr>
<td>Repetition rate¹</td>
<td>10 kHz</td>
</tr>
<tr>
<td>Statistics</td>
<td>Current value, max, min, average, standard deviation, RMS &amp; PTP stability, pulse #, repetition rate and average power</td>
</tr>
</tbody>
</table>

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

PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>268W x 196H x 36D mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.36 kg</td>
</tr>
</tbody>
</table>

ORDERING INFORMATIONS

MIRO ALTITUDE

INTERESTED IN THIS PRODUCT?

GET A QUOTE

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