



MAESTRO

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



PRODUCT FAMILY KEY FEATURES

READS ALL HEADS

- Power: thermopiles, photo detectors and pyroelectrics
- Energy: thermopiles (in single shot mode) , photo detectors and pyroelectrics

LARGE TOUCH SCREEN COLOR LCD DISPLAY

- 5.6in diagonal
- 640 x 480 resolution
- 18bit color
- Fully touch screen controls

MULTIPLE LANGUAGES AVAILABLE

Interface fully translated in English, French, German and Japanese

UNIQUE ERGONOMIC DESIGN

Great for both handheld and tabletop use, with improved rubber bands and quick stand for better stability

INTUITIVE USER INTERFACE

Easy to navigate interface, with many display features:

- Single or dual graph display
- Instant access to the main functions
- Function Search tool

USB KEY ACCESS

Store data directly on a USB key

REAL-TIME STATISTICAL FUNCTIONS

Max, min, average, standard deviation, RMS and PTP stability, pulse # and repetition rate

AVAILABLE OUTPUTS

USB key, analog output, RS-232, PC-USB, Ethernet

SPECIFICATIONS

CONTROLLER AND GUI SPECIFICATIONS

| | |
|-----------------------|---|
| Interface languages | English, German, French and Japanese |
| Digital display size | 112.9 x 84.7 mm LCD - 640 x 480 pixels |
| Data display | Real time, scope, statistics, digital tuning needle and averaging |
| Analog output | 0-1 V, full scale, $\pm 0.5\%$ |
| External trigger | TTL Compatible, 2-25 V @ 0.4 mA |
| Serial commands via | USB, Ethernet or RS-232 (cable in option) |
| Data storage via | USB key |
| Battery type | 4 x Rechargeable 1.2 V Ni-MH AA |
| Battery life | 6.5 hours |
| External power supply | 9 VDC 1.66 A |

POWER METER SPECIFICATIONS

| | |
|--------------------|------------------------|
| Power range | 4 pW - 30 kW |
| Digital resolution | Digital Resolution PMS |



| | |
|-----------------------------|---|
| Device accuracy | 0.25 % \pm 5 μ V best 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 |
| Digital resolution | Digital Resolution EMS |
| Device accuracy | \pm 1 % |
| Software trigger level | 0.1 to 99.9 %, 0.1 % resolution, default 2 % |
| Repetition rate | 2 000 Hz / 10 000 Hz in sampling |
| Real-time data transfer | 2 000 Hz |
| Statistics | Current value, max, min, average, standard deviation, RMS & PTP stability, pulse #, repetition rate and average power |
| PHYSICAL CHARACTERISTICS | |
| Dimensions | 210W x 122H x 45D mm |
| Weight | 0.67 kg |
| ORDERING INFORMATION | |
| MAESTRO | 201235B |

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