

MAESTRO

Touchscreen, single channel, power & energy monitor

MULTIPLE LANGUAGES



KEY FEATURES

- **READS ALL HEADS**
 - Power: thermopiles, photodetectors and pyroelectrics
 - Energy: thermopiles (in single shot mode), photodetectors and pyroelectrics
- **LARGE TOUCHSCREEN COLOR LCD DISPLAY**
 - 5.6in diagonal
 - FULLY touchscreen controls
- **UNIQUE ERGONOMIC DESIGN**

Great for both handheld and tabletop use, with improved rubber bands and kickstand for better stability
- **INTUITIVE USER INTERFACE**

Easy to navigate interface, with many display features:

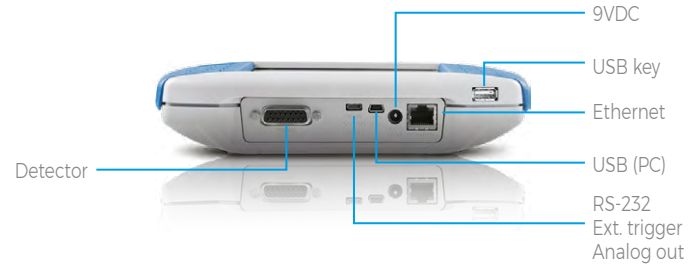
 - Single or dual graph display
 - Instant access to the main functions
 - Function search tool
 - Interface available in multiple languages
- **USB KEY ACCESS**

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

CONNECTIVITY



DISPLAY AND LOG MEASUREMENTS



ACCESSORIES



Additional 9V power supply



Battery pack



USB, RS-232, external trigger & analog out cables



Pelican carrying case



MAESTRO

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|-----------------------|--|
| DETECTOR TYPES | ALL MODELS: thermopiles, pyroelectrics, photodetectors |
| DISPLAY | Touchscreen 5.6 in color LCD |

POWER METER SPECIFICATIONS

| | |
|-------------------------|---|
| Monitor accuracy | 0.25% ± 5 μV best scale |
| Statistics | Current value, max, min, average, standard deviation, RMS & PTP stability, time |

ENERGY METER SPECIFICATIONS

| | |
|---|---|
| Monitor accuracy | ± 1% best scale |
| Software trigger level | 0.1 to 99.9%, 0.1% resolution, default 2% |
| Repetition rate | 2000 Hz / 10 000 Hz in sampling |
| Real-time data transfer (To USB key) | 2000 Hz |
| Statistics | Current value, max, min, average, std dev., RMS & PTP stability, pulse #, rep. rate and avg power |

DETECTOR COMPATIBILITY

| | |
|----------------------|------------------------------------|
| Thermopile | Average power & single shot energy |
| Photodetector | Average power & pulse energy |
| Pyroelectric | Pulse energy & average power |

GENERAL SPECIFICATIONS

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|-------------------------------------|---|
| 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 Volt, full scale, ±0.5% |
| Rising edge external trigger | TTL compatible, 2-25 V at 0.4 mA |
| Serial commands via | USB (standard), Ethernet or RS-232 (cable in option) |
| Data storage via | USB key |
| Dimensions | 210W x 122H x 45D mm |
| Weight (with batteries) | 0.67 kg |
| Battery type | 4 x rechargeable 1.2 V Ni-MH AA |
| Battery life | 6.5 hours |
| External power supply | 100/240 VAC 50 - 60 Hz to 9 VDC 1.66 A |

ORDERING INFORMATION

Product page

