

TUNER

Single Channel, Power Monitor with Tuning Needle



FEATURES

1. **ULTRA-FAST NEEDLE**
Less than 1 second response time
2. **READS ALL POWER DETECTORS**
Thermopiles and photo detectors of the PH100 and PH20 Series
3. **LARGE LCD DISPLAY**
 - 77 x 58 mm
 - 17.5 mm digits
 - Backlight (with AC adaptor)
4. **3 DISPLAY FUNCTIONS FOR THE NEEDLE**
 - Normal
 - Tail Mode (indicates speed)
 - Bar graph

Also HIGH and LOW values hold
5. **SINGLE-BUTTON NAVIGATION**
Direct access and long press access to the main functions
6. **LOW CONSUMPTION**
Lasts 300 hours with 4 AA alkaline batteries

DISPLAY MODES

TAIL:

Follows the speed of the power change. The comet tail is longer for faster reading changes and shorter for slower reading changes.



BAR GRAPH:

Fills the needle display up to the real time value (best mode when viewing from a distance).



HIGH/LOW:

When activated, indicates the highest and lowest powers since activation. The high and low needles blink to help distinguish them from the real time value.



ACCESSORIES



Additional 9V Power Supply
(Model Number: 200960)



Wall Support
(Model Number: 201241)



Protective Pouch
(Model Number: 200128)



Pelican Carrying Case

SEE ALSO

POWER DETECTORS	58
HIGH POWER DETECTORS	94
PH SERIES PHOTO DETECTORS	110
THZ DETECTORS	120
OEM DETECTORS	136
LIST OF ALL ACCESSORIES	186

Watch the Introduction video available on our website at www.gentec-eo.com

MONITORS
ENERGY DETECTORS
POWER DETECTORS
HIGH POWER SOLUTIONS
PHOTO DETECTORS
THZ DETECTORS
OEM DETECTORS
SPECIAL PRODUCTS
BEAM DIAGNOSTICS

TUNER



*Also traceable to NRC-CNRC

SPECIFICATIONS

TUNER

DETECTOR TYPES Thermopiles, Photo Detectors (PH Series)

DISPLAY LCD with Tuning Needle and Backlight

POWER METER SPECIFICATIONS

Power Range 10 pW to 10 kW

Digital Resolution

PH Series 10 pW

XLP Series 1 μ W

UP Series 1 mW

HP Series 100 mW (HP60A), 1 W (HP100A)

Monitor Accuracy $\pm 1\%$, full scale

Statistics Min, Max

Response Time < 1sec

DETECTOR COMPATIBILITY

Thermopiles Average Power (W, dBm)

Photo Detectors (PH Series) Average Power (W, dBm)

GENERAL SPECIFICATIONS

Digital Display Size 77 x 58 mm LCD

Needle Display Ultrafast Tuning Needle

Needle Accuracy 0.9 %

Refresh Rate 4 Hz

Analog Output 0-1 Volt, Full Scale, $\pm 1\%$

Dimensions (Without Stand) 210W x 122H x 44D mm

Weight (With Batteries) 0.47 kg

Battery Type 4 x AA Alkaline

Battery Life (Estimated) 500 hours with detector

External Power Supply 100/240 VAC 50-60 Hz to 9 VDC 1.66 A

ORDERING INFORMATION

Product Name TUNER

Product Number 201207

Specifications are subject to change without notice