

# TUNER

Single Channel, Power Monitor with Tuning Needle



## KEY FEATURES

- 1. **ULTRA-FAST NEEDLE**  
Less than 1 second response time
- 2. **READS ALL POWER DETECTORS**  
Thermopiles and photodetectors 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 graphAlso HIGH and LOW values hold
- 5. **SINGLE-BUTTON NAVIGATION**  
Direct access and long press access to the main functions
- 6. **LOW CONSUMPTION**  
Lasts 500 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)



Pelican Carrying Case

## SEE ALSO

POWER DETECTORS	60
HIGH POWER SOLUTIONS	96
PH SERIES PHOTODETECTORS	110
THZ DETECTORS	130
OEM DETECTORS	146
LIST OF ALL ACCESSORIES	206

Watch the Introduction video available on our website at [www.gentec-eo.com](http://www.gentec-eo.com)

# TUNER

CE NIST\*  
Traceable  
\*Also traceable to NRC-CNRC

## SPECIFICATIONS

### TUNER

**DETECTOR TYPES** Thermopiles, Photodetectors (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  $\mu$ 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)

Photodetectors (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



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