

# 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 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	<b>66</b>
HIGH POWER DETECTORS	<b>102</b>
PH SERIES PHOTO DETECTORS	<b>110</b>
THZ DETECTORS	<b>132</b>
OEM DETECTORS	<b>148</b>
LIST OF ALL ACCESSORIES	<b>198</b>

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

<b>DETECTOR TYPES</b>	Thermopiles, Photo Detectors (PH Series)
<b>DISPLAY</b>	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)
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



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