

# 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 optical detectors of the PH 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)
  - Bargraph

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.
- **BARGRAPH:** 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



Wall Support



Protective Pouch



Pelican Carrying Case

## SEE ALSO

POWER DETECTORS	62
PH SERIES OPTICAL DETECTORS	114
OEM DETECTORS	140

# TUNER

## SPECIFICATIONS



\*Also traceable to NRC-CNRC

<b>MODEL</b>	TUNER
<b>DETECTOR TYPES</b>	Thermopiles, Optical 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

### DETECTOR COMPATIBILITY

Thermopiles	Average Power (W, dBm)
Optical 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)	300 hours with detector
External Power Supply	100/240 VAC 50-60 Hz to 9 VDC 1.66 A

### ORDERING INFORMATION

Full Product Name	TUNER
Product Number	201207

Specifications are subject to change without notice