

TUNER

Single Channel, Power Monitor with Tuning Needle



DISPLAY MODE

- > **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.



KEY FEATURES

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

Also HIGH and LOW values hold
- > **SINGLE-BUTTON NAVIGATION**
Direct access and long press access to the main functions
- > **LOW CONSUMPTION**
Lasts 500 hours with 4 AA alkaline batteries

ACCESSORIES



Additional 9V power supply



Wall support



Pelican carrying case

TUNER

Specifications

CE NIST*
Traceable 
*Also traceable to NRC-CNRC



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 µW
UP series	1 mW
HP series	100 mW (HP60A), 1 W (HP100A)
Monitor accuracy	±1%, full scale
Statistics	Min, max
Response time	<1 s


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, ±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

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Specifications are subject to change without notice