

SOLO 2



Single Channel, Power & Energy Monitor



Monitors

Energy Detectors

Power Detectors

OEM Detectors

Calorimeters

Diffractive Optics

Beam Diagnostics

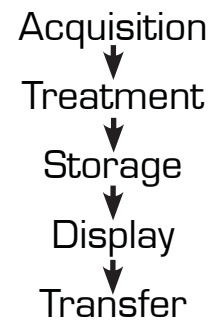


Key Features

- 1 **Reads ALL Detector Types**
Thermopile, photo and pyroelectric detectors
- 2 **Large LCD Display**
77 x 58 mm with super bright backlight
- 3 **Unique Ergonomic Design**
Great for both handheld and tabletop use
- 4 **Shift-Key and Single-Key Navigation**
Direct access and shift access to the main functions
- 5 **Internal Data Storage**
225 000 points internal data storage space
- 6 **Real-Time Statistical Functions**
Max, Min, Average, Standard Deviation, RMS and PTP Stability, Pulse # and Repetition Rate
- 7 **Available Outputs**
Analog Output, RS-232, USB

* Also traceable to **NRC-CMC**

NEW



Accessories

- » **External Power Supply**
Additional 9 Volt power supply.
- » **USB Cable**
Additional USB Cable.
- » **RS-232 Cable**
Optionnal RS-232 Cable

- » **Protective Pouch**
Protect your monitor from scratches and dust.



- » **Pelican Carrying Case**
We offer a robust hard shell polymer carrying case.



SPECIFICATIONS

Model	SOLO 2
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Detector Types	Thermopiles, Photo Detectors, Pyroelectrics
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Display	LCD with Backlight
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POWER METER SPECIFICATIONS	SOLO 2
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Power Range	
Thermopile	1 μ W to 30 kW
Photo Detector	4 pW to 3 W
Monitor Accuracy	± 0.5 % full scale
Statistics	Current Value, Max, Min, Average, Standard Deviation, RMS & PTP Stability, Time

ENERGY METER SPECIFICATIONS	
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Energy Range	0.1 μ J to 30 kJ
Monitor Accuracy	± 1 % full scale (<500 Hz)
Software Trigger Level	0.1 to 99.9%, 0.1% resolution, default 2% (3% for MT)
Repetition Rate	3 000 Hz / 10 000 Hz in sampling
Statistics	Current Value, Max, Min, Average, Std Dev., RMS & PTP Stability, Pulse #, Rep. Rate and Avg Power

DETECTOR COMPATIBILITY	
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Thermopile	Average Power & Single Shot Energy
Photo Detector	Average Power (mW, dBm)
Pyroelectric	Pulse Energy

GENERAL SPECIFICATIONS	
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Digital Display Size	77 x 58 mm LCD - 240 x 160 pixels
Digit Height	23 mm
Data Display	Real Time, Line Plot, Histogram, Statistics, Digital Tuning Needle
Analog Output	0-1 Volt, Full Scale, ± 1 %
Serial Commands and Data Transfer Via	USB (standard) or RS-232 (cable in option)
Real-Time Data Transfer Rate	200 Hz
Data Storage Capacity	225 000 Points
Dimensions	210W x 122H x 44D mm
Weight (With Batteries)	0.52 kg
Battery Type	4 x Rechargeable 1.2 V Ni-MH AA
Battery Life	11 hours, 6 hours with backlight
External Power Supply	100/240 VAC 50-60 Hz to 9 VDC 1.66 A

ORDERING INFORMATION	
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Full Product Name	SOLO 2
Product Number	200954

Specifications are subject to change without notice