

LASER POWER & ENERGY METER

MONITORS

All power and energy detectors produce a voltage proportional to the laser power or energy. Onset EO offers a wide selection of monitors that convert those voltages to useful direct power and energy measurements.

SOLO

This compact dynamo gives you advanced data processing and data acquisition capabilities in an economical single channel handheld package. It is compatible with all Onset EO power and energy detectors, whether old or new. The SOLO comes in two versions: the SOLO PE handheld display and the PC-based SOLO X. The SOLO PE is the ideal choice for users that need a display directly on their experimental setup. It includes the menu-driven Windows CE™ operating system that can be easily mastered in minutes. The SOLO X offers the same advanced features as the SOLO PE in a form that is ideally suited for users who want to do all the control and the analysis from their computer. The SOLO X takes advantage of our powerful and user-friendly PC SOLO software. Get wired with SOLO X.

P-LINK

The newest addition to the family of Onset EO monitors is the P-LINK, which stands for Power Link. This very compact interface box without keyboard or display gives you the possibility to remotely control any power detector from a computer. You can even connect many P-LINK units to a single computer, which makes it a device of choice for the simultaneous monitoring of many detectors. This is Onset-EO's answer to OEM users who need an affordable computer based power monitor.

E-LINK

The E-LINK, the energy brother of the P-LINK, will let you handle Onset-EO energy detectors with the same ease. It will be available soon.



SOLO PE



SOLO X



P-LINK



SOLO 2



UNO

TPM-300CE

The TPM-300CE is a robust, low cost single channel power monitor. This workhorse offers great mounting flexibility as well as both digital and analog displays.



TPM-300CE

MONITORS SPECIFICATIONS

	SOLO PE	SOLO X	P-LINK	SOLO 2	TPM-300CE
MEASUREMENT CAPABILITY					
Measurement modes					
Power (thermopile)	√	√	√	√	√
Power (photo detector)	√	√	√	√	
Energy	√	√		√	
Channels	1	1	1	1	1
Monitor accuracy	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
DISPLAY					
Digital					
LCD	58x38mm	PC screen	PC screen	78x58mm	91x40mm
Pixels	240x160			320x240	
	Digital needle	Digital needle		Digital needle	Electromechanical needle
OUTPUTS					
USB	√	√	√	√	
RS-232	√	√	√	√	√
GPIB*	√	√		√	
0-1V analog output	√	√	√	√	√
FEATURES					
Windows CE™	√	√		√	
Windows™ Application Software	√	√	√	√	
PC SOLO compatible	√	√		√	
PC-LINK compatible			√		
Internet updating (firmware)	√	√		√	
Internet updating (software)	√	√	√	√	
PCMCIA data storage				√	
Statistical functions	√	√	√	√	
Labview drivers	√	√	√	√	
Portable	handheld	√	√	handheld	√
PHYSICAL CHARACTERISTICS					
Rechargeable battery	Battery pack			Battery pack	Internal
External power	AC Adaptor	USB RS-232(option)	USB RS-232(option)	AC Adaptor	√
Dimensions (without mount)					
Length or height	230mm	231mm	86mm	122mm	93mm
Width	95mm max	102mm	58mm	210mm	200mm
Depth	55mm max	35mm	27mm	44mm	100mm
weight	0.58kg	0.44kg	0.106kg	0.52kg	1.6kg

*with optional adaptor