

Comparison of Hand Held Meters

Meter	StarBright	Vega	Nova II	StarLite	Nova
Supported Sensors					
Standard Thermopile, Photodiode, PyroC sensors	X	X	X	X	X (with adaptor)
BeamTrack	X	X	X	X	
BC20	X	X	X		X
PD300-CIE	X	X	X		X
PD300RM	X			X	
Measurement Capabilities					
Parameter Configuration	X	X	X	X	X
Power, Energy	X	X	X	X	X
Exposure with PyroC Sensor	X	X	X		X
Position and Size with BeamTrack Sensors	X	X	X	X	
Beam Stability with BeamTrack Sensors	X	X	X		
Pulsed Power with Thermopile Sensors	X				
Irradiance and Dosage	X			X	
Exposure with Photodiode Sensors	X				
Density	X	X	X		X
Scale Factor	X	X	X		X
Normalize	X	X	X		
Fixed Offset	X				
Mixing Functions Together	X				
Showing Function Results in Graphical Display	X				
Graphical Displays Available at All Times					
Bargraph	X	X	X	X	X
Simulated Analog Needle	X	X	X	X	
Pass/Fail	X	X	X		
Line Graph for Both Power and Energy	X				
Pulse Chart for Both Power and Energy	X				
Real Time Statistics (not just when logging)	X				
Screen Specs					
Screen Size	3.5"	3.5"	4"	3.5"	2"
Color Screen	X	X			
Logging					
Total Log Size (shared between all files)	Unlimited	250000	50000	0	1000
Max Number of Files	Unlimited	10	10	0	1
TimeStamp in Logged Data	X				
Logging of Math Function Results	X				
PC Communications					
StarLab Support	X	X	X	X	
RS232	X	X	X		X
USB	X	X	X	X	
LabVIEW Library	X	X	X	X	X
Max Real Time Delivery	5000	2000	2000	20	15
Other Features					
Analog Output (in Volts)	1,2,5,10	1,2,5,10	1,2,5,10	1	1
Calibration Reminder	X	X	X		
Japanese	X	X	X	X	
Russian and Chinese	X			X	
Built in Help	X	X	X		