

Comparison of Hand Held Meters

Meter	Centauri	StarBright	Vega	Nova II	StarLite	Nova
Supported Sensors						
Standard Thermopile, Photodiode, PyroC sensors	X	X	X	X	X	"X (with adaptor)"
BeamTrack	X	X	X	X	X	
BC20		X	X	X		X
PD300-CIE	X	X	X	X		X
PD300RM		X			X	
Measurement Capabilities						
Parameter Configuration	X	X	X	X	X	X
Power & Energy	X	X	X	X	X	X
Exposure with Pyro	X	X	X	X		X
Position and Size with BeamTrack Sensors	X	X	X	X	X	
Beam Stability with BeamTrack Sensors	X	X	X	X		
Power From Pulse	X	X				
Irradiance		X			X	
Dosage		X			X	
Exposure with PD	X	X				
FAST Power	X					
POWER_SYNC (LowFreqPulse)	X	X				
Density	X	X	X	X		X
Scale Factor	X	X	X	X		X
Normalize	X	X	X	X		
Fixed Offset	X	X				
Mixing Functions Together	X	X				
Showing Function Results in Graphical Display	X	X	X	X	X	
PC Communication						
StarLab Support	X	X	X	X	X	
RS232	X	X	X	X		X
USB Communication	X	X	X	X	X ^(a)	
LabVIEW Library	X	X	X	X	X	X
Max Real Time Delivery (points/s)	10,000 X 2 (PD) 25,000 X 2 (Pyro)	5,000	2,000	2,000	20	15
Graphical Displays Available at All Times						
Bargraph	X	X	X	X	X	X
Simulated Analog Needle	X	X	X	X	X	
Pass/Fail	X	X	X	X		
Line Graph for Both Power and Energy	X	X				
Pulse Chart for Both Power and Energy	X	X				
Real Time Statistics (not just when logging)	X	X				
Screen Specs						
Screen Size	7"	3.5"	3.5"	4"	3.5"	2"
Color Screen	X	X	X		X	
Other Features						
Analog Output (in Volts)	1, 2, 5, 10	1, 2, 5, 10	1, 2, 5, 10	1, 2, 5, 10	1	1
Raw Analog Output	X					
External Trigger	X					
TTL OUT	X					
Calibration Reminder	X	X	X	X		
Time Stamp	X	X				
Japanese	X	X	X	X	X	
Russian and Chinese	X	X			X	
French, Spanish, Italian, German, Korean	X					
Built in Help		X	X	X		

Notes: (a) With USB activation code (see page 146)