



Specifications

For Aurora Scientific Model: 701C

Model #	701C
Output Pulse Electrical Specifications	
Pulse Output Voltage [V]	0 to ±80
Pulse Output Current [milliamp]	0.4 to 1000
Output Voltage Adjustment	Range switch: 20V, 80V Adjust Potentiometer: 0 to 100%
Output Current Adjustment	Range switch: 10mA, 100mA, 1A Adjust Potentiometer: 0 to 100%
Pulse Width [millisecond]	Pulse Trigger Input: 0.01 to 500 Manual Trigger: 1.25
Pulse Rise and Fall Time ¹ [µsec]	<10
Pulse Recurrence Frequency [Hz]	Single shot to 20,000
Pulse Phase	Positive, Bi-Phase, Negative
Maximum Duty Cycle [%]	20
Pulse Output Control	On/Off Switch
Pulse Output Connector	BNC
Trigger	
Trigger Modes	Manual, Follow (via Pulse Trigger BNC)
Pulse Trigger Input [V]	+2 to +15
Monitor Outputs	
Sync Monitor [V]	+5V pulse/output pulse. Sync pulse width same as output pulse width.
Voltage Monitor [V]	1 V/10 V output voltage (only active during pulse)
Current Monitor [V]	1 V/1 A output current (only active during pulse)
Monitor Connectors	BNC, front panel
General Specifications	
Operating Temperature [°C]	0 - 40
Power Required	100, 120, 220, 240 VAC, 50/60 Hz. available
Power Consumption [W]	50
Weight [kg]	3.0
Dimensions [cm]	21W (1/2 rack mount) x 25D x 9H (2U)

¹ 10 to 90%