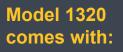
# 1320

## High Resolution DC Power Supply



**1320 Power Supply** 

**Power Cord** 

**User Manual** 

Banana Plug to Alligator Clip Lead Wires (Black & Red)



### **Overview:**

The 1320 can provide continual output power of 200 VA through its 3 output supplies. It features constant current or constant voltage modes with automatic crossover. With resolutions of 10 mV and 1 mA respectively, you can rely on the superior performance of the 1320. The protections against over voltage and current are completely regulated by the software producing a safe and reliable instrument.



#### Features:

- Connect in Parallel, Series, or Independent modes for greater output
- Connect multiple units for greater output
- Separate 4-digit displays for voltage and current on variable outputs
- Three independent outputs
- Individual control of voltage and current for variable outputs
- CV (constant voltage) / CC (constant current) mode operation with automatic crossover
- LED indication for CV / CC mode
- Overload indication LED for fixed output
- Power On/Off switch on front panel
- Input voltage selection on rear side (120 VAC/ 240 VAC)

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## 1320

### Specifications

### 1320 Triple Output High Resolution Power Supply

|  | •  |
|--|--|
| General  |  |
| AC Input   | VAC 120/240 ±10%, 50/60Hz ±10%   |
| Operating Temperature  | 50 °F to 104 °F (10 °C to 40 °C)   |
| Operating Humidity   | 90% R.H.   |
| Temperature Coefficient  | <300 PPM / °C (voltage and current)  |
| Max Continual Output Power   | 195 VA   |
| Dimensions (W x H x D)   | 230 x 170 x 310 mm   |
| Weight   | 17.6 lbs (8.0 kg)  |
| Warranty   | Two Year Warranty  |
| Included Accessories   | Power cord, user manual, one pair of test leads  |
| Output Parameters  |  |
| Number of Outputs  | Three (two variable and one fixed)   |
| Range  | 0-32 VDC / 0~3 A (variable) & 5 V / 3 A (fixed)  |
| Constant Voltage Mode<br>(variable outputs)  |  |
| Line Regulation  | <0.05% + 3 m∨  |
| Load Regulation  | <0.05% + 5 m∨  |
| Ripple & Noise   | <0.4 mVrms   |
| Constant Current Mode<br>(variable outputs)  |  |
| Line Regulation  | <0.2% + 2 mA   |
| Load Regulation  | <0.2% + 3 mA   |
| Ripple & Noise   | <2.5 mArms   |
| Tracking Operation   |  |
| Slave Tracking Error   | <0.5% + 2 digits of the master   |
| 5V Fixed Output  |  |
| Voltage Accuracy   | 5 V ± 0.25 V   |
| Ripple & Noise   | <1.5 mVrms   |
| Display  |  |
| Voltage  | 4 digit, 0.36" green LED   |
| Current  | 4 digit, 0.36" red LED   |
| Accuracy   | <0.05% + 3 digits  |
| Notes  |  |
| All specifications apply to the unit<br>after a temperature stabilization<br>time of 15 minutes over an<br>ambient temperature range of 25<br>°C $\pm$ 5 °C. | Specifications are subject to change without<br>notice. To ensure the most current version of<br>this manual, please download the current<br>version from our website: globalspecialties.com |



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### Model 1320 Dimensions

**Product Only** 

LxWxH

9 x 6.7 x 12.2 in

Weight

16. 5 lbs

Shipping

LxWxH

15 x 12 x 10 in

Weight

19 lbs