

### Features

- Sources voltage and current
- Large, 5-digit LCD display
- Automatic calibration
- Low battery indicator and auto shut off
- Includes test leads, alligator clips, protective holster and batteries

### Specifications

#### DC Voltage

Range: 10V  
 Output Range: 0.000 to 11.000V  
 Resolution: 1mV  
 Accuracy:  $\pm 0.05\%$  of set value  $\pm 2\text{mV}$

#### DC Current

Range: 20mA  
 Output Range: 0.000 to 22.000mA  
 Resolution: 0.001mA  
 Accuracy:  $\pm 0.05\%$  of set value  $\pm 4\mu\text{A}$

#### Analog Transducer

Range: -20mA  
 Output Range: 0.000 to -22.000mA  
 Resolution: 0.001mA  
 Accuracy:  $\pm 0.05\%$  of set value  $\pm 4\mu\text{A}$

#### Loop Power

Range: 24V  
 Accuracy:  $\pm 10\%$

#### General Specifications

Display: 5-Digit LCD  
 Kick Stand: Yes  
 Battery Life: Approx. 20 hours  
 Power Supply: 2 AA Batteries  
 Auto Shut Off: Yes (after 15 mins/off)  
 Low Battery Indicator: Yes  
 Replaceable Test Leads: Yes  
 Product Certifications: CE  
 Operating Temperature: 32 to 122°F (0 to 50°C)  
 Operating Humidity: 0 to 85%  
 Storage Temperature: 14 to 122°F (-10 to 50°C)  
 Dimensions: 7.1 x 3.5 x 1.9"  
 (180 x 90 x 47mm)  
 Weight: 8.2oz (500g)

### TECHNICAL DATA



Model	Description
R5800	Voltage/Current Simulator
FC-300	Fused Test Lead Set
R1000	Safety Test Lead Set, Double Insulated
CA-05A	Soft Carrying Case
C-820	Soft Carrying Case
R5800-NIST	Voltage/Current Simulator & NIST