## **DC POWER SUPPLIES & DECADE BOXES**

# Models AX502 & AX503





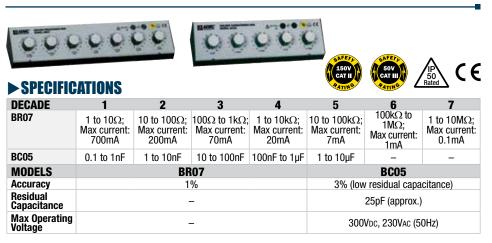
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Optional lead set includes two color-coded leads, one ground lead (stripped), two alligator clips and two grip probes. Catalog #2117.78

#### ► SPECIFICATIONS

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MODELS	AX502	AX503
Number of Outputs	2	3
VOLTAGE		
Output 1 & 2	0 to 30Vpc	0 to 30Vpc
Output 3 (No display)	-	2.7 to 5.5Vpc
Display Resolution	100mV	100mV
Basic Accuracy	$\pm 0.5\%$ of Reading $\pm 1$ ct	$\pm 0.5\%$ of Reading $\pm 1$ ct
Residual Ripple	±1mVrms	±1mVrms
LINE REGULATION		
±10% Line Voltage	$\pm 0.03\%$ of Reading $\pm 2mV$	
LOAD REGULATION		
0 to 2.5A	$\pm 0.02\%$ of Reading $\pm 5mV$	
0 to 5A	_	±0.2% Reading ±10mV
CURRENT		
Output 1 & 2	0 to 2.5A	0 to 2.5A
Output 3	_	5A max (no adjustment)
Resolution	10mA	10mA
Basic Accuracy	$\pm 0.5\%$ of Reading $\pm 1$ ct	$\pm 0.5\%$ of Reading $\pm 1$ ct
Limit Indicator	LED, Outputs 1 and 2	LED, Outputs 1, 2 and 3
Short-circuit Protection	Electronic current limitation with voltage shutdown	
<b>Overheating Protection</b>	Thermal protection	
<b>OUTPUT COUPLING</b>		
Tracking	Output 1: Master/Output 2: Slave Proportional Slave Tracking (0 to 100% of Master)	
Series Mode	0 to 60Vpc/0 to 2.5A	
Parallel Mode	0 to 30Vpc/0 to 5A	

## Models BR07 & BC05



#### **FEATURES**

- Dual 0 to 30VDC/0 to 2.5A outputs
- 5.5V/5A output (Model AX503)
- Series and parallel operation permit 0 to 60V or 0 to 5A output
- Low noise (<1mV ripple) and stable linear technology for clean output
- High efficiency toroidal transformers: no fan and low electromagnetic emissions
- Active protection against overloads, short circuits and overheating
- Unique variable tracking mode for master/slave operation: slave or master track proportionally to the original setting
- Simultaneous display of voltage and current
- Highly visible green (V) and red (A) LED displays
- Compact design for bench tops
- Designed to EN 61010-1 safety standards

### ► FEATURES

- Capacitance and resistance decade boxes
- Rotary switch selector
- Stop position to prevent
- accidental switching from 10 to 0 Male ground (earth) terminal
- with safety jack • Outputs on Ø 4mm safety
- Outputs on Ø 4mm salety terminals
- Ground jumper lead EN 61010-2-03,150V CAT II, 50V CAT III, Pollution Degree 2
- Resistance ranges are  $1\Omega$  to 11.11111M $\Omega$  for BR07 and 0.1nF to 11.111 $\mu$ F for BC05

#### CATALOG NO. DESCRIPTION

2130.06	DC Power Supply Model AX502 (Dual outputs, 0 to 2.5A; 0 to 30Vbc)	
2130.07	DC Power Supply Model AX503 (Triple outputs, two 0 to 2.5A; 0 to 30Vbc; 5A; 2.7 to 5.5Vbc)	
2131.25	Resistance Decade Box Model BR07 (x1Ω, x10Ω, x10Ω, x10Ω, x10kΩ, x10kΩ, x10kΩ, x1MΩ, 1%)	
2131.26	Capacitance Decade Box Model BC05 (x0, 1nF, x1nF, x10nF, x10nF, x1knF, 3%)	
Accessories (Optional)		
2117.78	Lead – Set of 3, (2 Color-coded Safety Leads, 1 Ground Lead, 2 Color-coded Alligator Clips and 2 Color-coded Grip Probes) for Power Supply Models AX501-AX503	
2131.35	Lead - Replacement, 6 ft. Safety Lead, 4mm Female to Female for use with Decade Boxes	

