

Specifications	1710A	1711A	1715A	1730A	1735A
Output Voltage	0-30 V	0-60 V	0-60 V	0-30 V	0-30 V
Output Current	0-1 A	0-2 A		0-3 A	
Constant Voltage Operation					
Voltage Regulation	Line (120 VAC $\pm 10\%$) $<0.01\% + 3 \text{ mV}$ Load (no load - full load) $<0.01\% + 3 \text{ mV}$				
Recovery Time	$<100 \mu\text{s}$				
Ripple & Noise	$<1 \text{ mV rms}$				
Temperature Coefficient	$<300 \text{ ppm}/^\circ\text{C}$				
Constant Current Operation					
Adjustable Current Range	5% to 100%				
Current Regulation	Line (120 VAC $\pm 10\%$) $<0.2\% + 3 \text{ mA}$ Load $<0.2\% + 3 \text{ mA}$				
Current Ripple	$<3 \text{ mArms}$				
Metering					
Type	Analog	Analog	4-digit LED	Analog	4-digit LED
Voltmeter Range	0-32 V	0-64 V	0-99.99 V (green)	0-32V	0-99.99 V (green)
Voltmeter Accuracy	$\pm 2.5\%$	$\pm 2.5\%$	$\pm (0.5\% \text{ rdg} + 9 \text{ digits})$	$\pm 2.5\%$	$\pm (0.5\% \text{ rdg} + 9 \text{ digits})$
Ammeter Range					
High Range	0-1.04 A	0-2.2 A	0-9.999 A	(red) 0-3.2 A	0-9.999 A (red)
Low Range	0-0.26 A	0-0.55 A	-	0-0.53 A	-
Ammeter Accuracy	$\pm 2.5\%$	$\pm 2.5\%$	$\pm (0.5\% \text{ rdg} + 9 \text{ digits})$	$\pm 2.5\%$	$\pm (0.5\% \text{ rdg} + 9 \text{ digits})$
General					
Overload Protection	Current limiting, reverse polarity, overvoltage, short circuit				
Power Requirements	120 VAC $\pm 10\%$, 60 Hz only (120/220/230/240 VAC $\pm 10\%$, 50/60 Hz version available)				
Power Consumption	70 W	210 W	210 W	180 W	180 W
Operating Temperature	32 to 104 $^\circ\text{F}$ (0 to 40 $^\circ\text{C}$), $<75\% \text{ R.H.}$				
Storage Temperature	5 to 158 $^\circ\text{F}$ (-15 to +70 $^\circ\text{C}$), $<85\% \text{ R.H.}$				
Dimensions (H x W x D)	6.2" x 5.5" x 12.5" (158 x 140 x 318 mm)				
Weight	8 lb (3.6 kg)	12 lb (5.4 kg)	12 lb (5.4 kg)	10.5 lb (4.7 kg)	10.5 lb (4.7 kg)
Two-Year Warranty					
Included Accessories	Instruction manual & power cord				