

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Data Sheet

Single Output DC Power Supplies

Models 1710A, 1711A, 1715A, 1730A & 1735A



Model 1730A



Model 1735A

The 1710A and 1730A series are high quality, general purpose DC power sources. They provide exceptional accuracy with dual analog displays and coarse and fine voltage and current controls (1710A coarse/fine voltage control only)

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 ±10%) <0.01% + 3 mV Load (no load - full load) <0.01% + 3 mV				
Recovery Time	<100 µs				
Ripple & Noise	<1 mV rms				
Temperature Coefficient	<300 ppm/°C				
Constant Current Operation					
Adjustable Current Range	5% to 100%				
Current Regulation	Line (120 VAC ±10%) <0.2% + 3 mA Load <0.2% + 3 mA				
Current Ripple	<3 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	±2.5%	±2.5%	± (0.5% rdg +9 digits)	±2.5%	± (0.5% rdg +9 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	±2.5%	±2.5%	± (0.5% rdg +9 digits)	±2.5%	± (0.5% rdg +9 digits)
General					
Overload Protection	Current limiting, reverse polarity, overvoltage, short circuit				
Power Requirements	120 VAC ±10%, 60 Hz only (120/220/230/240 VAC ±10%, 50/60 Hz version available)				
Power Consumption	70 W	210 W	210 W	180 W	180 W
Operating Temperature	32 to 104 °F (0 to 40 °C), <75% R.H.				
Storage Temperature	5 to 158 °F (-15 to +70 °C), <85% 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				

Features & Benefits

- Continuously monitor voltage and current output on two analog meters
- Connect two supplies in parallel to double the current output
- Connect two supplies in series to double the voltage output
- Reliable, Durable
- Operate continuously at full load without overheating
- Fully overload protected
- Coarse and fine voltage controls
- Excellent regulation
- Very low ripple
- Constant voltage or constant current operation
- cUL certified

Technical data subject to change
© B&K Precision Corp. 2013
v021213

www.bkprecision.com

B+K PRECISION
ELECTRONIC TEST INSTRUMENTS

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP