

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

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PD FEATURES

PROGRAMMABLE LINEAR POWER SUPPLIES

Common Features for ALL PD Models

- Fast Transient Response – 50us
- Low Ripple and Noise (PARD)
- 16 bit Digital Design Displays both voltage and current measurements, OVP, OCP, V_{LIST}, I_{LIST}, and other system indicator on an LCD display simultaneously without the need for external DMM or monitoring
- Front Panel Keypad for precise and easy-to-operate setting of the output voltage, current and other system functions
- Automatic Crossover of Constant Current or Constant Voltage Mode.
- Embedded RS-232 and IEEE488.2 SCPI/GPIB Standard and Optional Ethernet or USB-only Control for flexible remote digital programming and read back
- Optional RS-485 for Master/Slave Paralleling & to control multiple blocks of identically rated power supplies with a single PC interface connection
- V_{LIST} and I_{LIST} in Stepping Mode, PD Series to generate customized sequence of different output level up to maximum of 20 steps (points), with dwell times from 10ms to 1 minute stored in 4 profiles (This sequence can be cycled once or to a user-defined number of cycles)
- High-speed and Ultra-precision Design with 0.04% measurement accuracy and 0.1mA/0.5mV resolution (not applicable to all models)
- Programmable OVP (Over-voltage Protection) & OCP (Over-current Protection), Redundant OTP (Over-temperature Protection), UVP (Under-voltage Protection), Remote Lockout (for I_{LIST}, V_{LIST} and ATE), Fan-speed Control
- Remote Sensing to compensate for measurement errors due to large line drops
- Electronic Remote/Local Closed-cased Calibration
- Active Down Programming Control for fast down programming speed
- Polarity Reversal & Isolation Output Relays available
- LabVIEW/LabWindows Drivers
- Local/Remote Voltage and Current Limit Programming with selectable programming ranges (Optional)
- TTL Function to enable/disable the power supply output. (Optional)
- External Analog Voltage (0 to +10Vdc) Input for the programming voltage/current output (Optional)
- Multi-channel systems available, up to 8 channels per chassis. (PDS Models)
- Modified & Customized Solutions such as higher voltage/current ratings

E– Option Model Features (Keypad, Encoder, Ethernet)



- Digital Encoder & Full Functional Keypad for real-time programmatic control
- Ethernet and RS-485 available for system-level expansion & integration
- Standard Tracking Feature for multi-channel synchronized control
- USB-only Interface available

PDS Model Features (Multi-channel)



- More Choices - the only linear supply providing up to 350Vdc, 50Adc @ maximum power of up to 1.75 ~ 2kW in a single 4U 19" inch rackmount box
- More Flexibility - customize the voltage/power/current rating of numerous single supplies and combine them into a single system with up to 8 channels per 4U box
- More Expandability - Master/Slave Parallel multiple identically-rated systems & control up to 32 channels as a single unit via one GPIB, RS-232, or RS-485 address

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.

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

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