

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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Control Processor
Series CP2021



Model CP2021

Control Processor Model CP2021 controls all Flann programmable products including Rotary Vane Attenuators, Phase Changers and Polarizers.

Applications:

- Automated production testing of microwave radios and satellite communication payloads
  - Fade margin testing
  - Gain control
  - Bit Error Rate
- Automated test and measurement systems
- Remote control systems
- Extraordinary resolution & settability at low attenuations

Attenuator Performance

- 0 dB to 60 dB in less than 1.1 seconds
- 0 dB to 120 dB in less than 2.2 seconds (2 attenuators connected in series)
- 3 GHz to 140 GHz (in waveguide bands)
- IEEE488.2 GPIB Bus and USB Control

  Will position to:
  0.01 dB between 0 dB & 21 dB
  0.02 dB between 21 dB & 30 dB
  0.05 dB between 30 dB & 48 dB
  0.1 dB between 48 dB & 60 dB

Phase Changer Performance

- Continuous phase change in either forward or reverse direction
- Smallest phase change increment is 0.2°
- Rate of phase change is 1480 degrees per second.

Controlling Cable Requirements

- A conversion cable is required when driving
  - Series 610
  - Series 611
  - Series 660

  instrumentation using a CP2021

- Unchallenged accuracy, reliability and repeatability
- Built in self test and diagnostics
- Control of 1 or 2 attenuators giving a possible attenuation range of 120 dB
- Universal line input, automatically switched between 115 V and 230 V
- Steps mode operation allows greater control over instrument positioning
- Recognises any Flann programmable products when connected to the drive ports
- Extended drive cable capability to 20 meters, with extended (slower drive) up to 50 meters
- HS488 High speed GPIB capability - up to 8 Mb/s
- Ability to learn previous CP92 series GPIB commands

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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