

ARTISAN®
TECHNOLOGY GROUP

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Control Processors



For Control and Drive of Flann Programmable Attenuators and Phase Changers.

Flann's many years of experience in the control of stepper motor driven programmable instruments continues in a new range of microprocessor based Control Processors. The incorporation of stepper motors in the design of precision microwave instruments provides high accuracy combined with high repeatability and unsurpassable reliability.

Control Processors provide:

- The translation between the microwave setting and steps of the motor.
- The complex drive circuitry required for efficient stepper motor control.
- Optimum repositioning time by "ramping" up and down motor speed during repositioning.
- Continuous monitoring and report of status of position sensors incorporated within the microwave instrument to ensure the highest confidence level in the system performance.
- Remote control via GPIB, or alternatively RS232 (CP88 only), interface and optional local control from front panel.

Two ranges of Control Processors are offered:

The CP92 Series - The new CP92 series of Control Processors offers enhanced operation whilst maintaining full compatibility with previous models. The units are available as a 19" bench model or with rack mounting option and include all necessary power supplies. Models to drive one or two microwave units via GPIB only or with the addition of local control from the instrument front panel can be specified.

The CP88 Series - The CP88 series comprises two versions of "Control Processor on a Board"; one with GPIB interface and the other equipped for RS232 operation. CP88 offers OEM's and Systems Engineers a cost effective solution where power supplies are already available. Each CP88 will control any one instrument from the range of Flann Programmable Attenuators and Phase Changers. Local control is optionally available with GPIB based units; ideal for trouble shooting and systems integration.

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Features

- IEEE-488 (GPIB) Bus Control
- Full Waveguide Frequency Range
- High Accuracy
- High Repeatability
- Unsurpassed Reliability
- 0 to 60 dB Continuously Variable

Applications:

- Automated Test and Measurement
- Remote Control Systems.
- Automated Production Testing of Microwave Radios. e.g. Fade Margin (BER), Gain Control

The Control Processor is capable of driving two programmable instruments, these can be either Phase Changers or Attenuators or a combination of both. Please contact sales for further information on the Control Processor.

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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