ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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
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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Capacitec 4100-S* at our website: ***Click HERE***

4000 SERIES

The Series 4000 Capacitec amplifiers and racks were designed to offer the best signal to noise ratio and wide band width response options in a simple modular package. The 4000 Series was built upon our 20 year proven foundation of 3000 Series amplifiers (3101-SP, 3200, 3201-SP) still in operation. Utilization of individual pins in a 32 pin DIN connector increases reliability for more industrial applications where vibrations are present. The small Euro-style 2U size boards have appeal for small portable packaging as well as high (but lightweight) density applications. When coupled with Capacitec non-contact displacement probes, they produce a linear output voltage proportional to the gap spacing between the probe and a ground plane. The systems are designed to produce stable and reliable operation with excellent gain and zero shift stability with respect to changes in ambient temperature. Stability is achieved with a digitally derived sine-wave oscillator, having a crystal clock as the frequency reference.

4000 SERIES RACKS

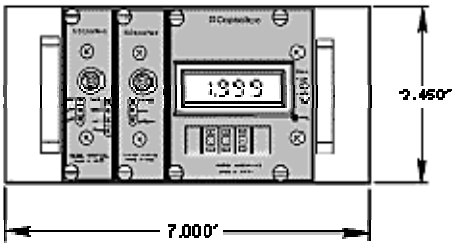
4016-P115: 16 Channel (with 4100-S or 4100-SL), 19 inch rack enclosure with an additional slot for a 4100-C clock driver card. A 15VDC regulated power supply at 850mA is standard to power this unit. (A linear type is preferred for highest signal to noise performance). The unit has individual 0-10VDC analog outputs as well as three input/outputs on two mass terminated Centronics style connectors for computer or data acquisition interface and option cards. An internal AC power supply is available standard by signifying -P115, -P220 or -P240 (AC).

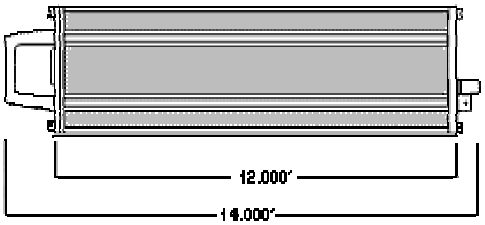
4008-P115: 8 Channel (with 4100-S or 4100-SL) rack enclosure approximately half the size of the 4016 with the same standard features. A 15VDC regulated power supply at 500mA is standard to power this unit.

4004-P115: 4 Channel (with 4100-S or 4100-SL) rack enclosure approximately 5 inches wide with the same standard features but with a 24 pin phone connector. A 15VDC regulated power supply at 350mA is standard to power this unit.

Other Features

Other special features include synchronous detection, low drift operational amplifiers and a modular preamplifier (PC-201B) and power supply (standard). The units also have an optional linearization board to improve performance by a factor of ten from 2% to 0.2% linearity with no outside computer compensated curve fitting and without sacrificing frequency response (to 5kHz down 3dB). The amplifiers are designed to operate with every probe configuration and all sensitivity ranges by simple recalibration without internal part changes.




12.000"
14.000"

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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