

7-1/2 Digit PXI/cPCI Digital Multimeters introduced by Signametrics

PXI and cPCI, 7-1/2 digit, Digital Multimeters, SMX2064/ SMX2060, bring fastest speed, advanced functionality, and highest accuracy.

Seattle, WA - March 01th, *Signametrics* introduced its newest 7 ½ digit PXI/cPCI Digital Multimeters, offering advanced functionality and fastest measurement speeds. Signametrics' engineering leveraged newly available technologies to implement new **advanced triggering** capabilities, **superior measurement speeds**, and **exceptional accuracies**, surpassing any existing product in this class.

The SMX2064 boasts high measurement rates up to **20,000 reading/second** and low DC current measurement ranges down to 50pA. With true 7-1/2 digit accuracies, new advanced scope-like triggering, and extended DC and resistance measurement ranges. The two new PXI DMMs are aimed at satisfying the needs of advanced test systems in diverse applications such as: Avionics, Automotive, Semiconductors, Storage, Industrial, components and sensor manufacturing, chemical manufacturing, food engineering, and others.

The SMX2064

Like its PCI predecessor, the SMX2064 is a full-featured 7-1/2 digit PXI/cPCI DMM. It boasts 24,000,000 counts dynamic range, translating to resolutions of 10nV, and a wide workload due to its extensive measurement functionality. The SMX2064 offers the most advanced functionality in plug-in DMMs: 6-wire Guarded resistance, inductance and capacitance measurements (LCR), Frequency and timing measurements, thermocouple and RTD measurements, and V & I sourcing. In addition, the SMX2064 sports new **scope-like advanced triggering**, **extended DC current and resistance measurement ranges**, and accurate Leakage measurement with programmable DC source.

“The large number of current sources designed into the SMX2064 provide the widest range and highest resolution of any plug-in DMM, making it the only plug-in Ohm-meter measuring from micro-ohms to Giga-ohms.” says Tee Sheffer, president of Signametrics Corporation. “Our SMX2064 and SMX2060 bring about a new standard in accuracy, speed, and functionality to plug-in Test and Measurement systems, that is unparalleled even by costly bench-top and VXI digital multimeters”.

The SMX2060

The SMX2060, 7-1/2 digit DMM, provides the same high accuracy as the SMX2064 at a very lower price. The SMX2060 shares the SM2064's 24,000,000 count based measurement, and features 1,400 reading per second measurement speed. The SXM2060 functionality includes 4-wire Ohms, frequency, and temperature measurements.

Touch and Feel; software support

The SMX2064 and the SMX2060 have the same “touch and feel” of bench-top digital multimeters. They are compatible with the existing Signametrics line of PXI and PCI DMM families, facilitating painless upgrade. All Signametrics DMMs are accompanied by “front panel” software, DLLs for all Windows applications, and Linux drivers.

A Family of Test and Measurement Plug-in Cards

Preserving the accuracy of the SMX2064 and SMX2060 DMMs in a multiple signal system requires high-quality switching modules. Signametrics' switching modules for the PXI/cPCI, are natural complements to the new SMX2064 and SMX2060 with their high isolation, and extremely low noise and thermal EMF. The combination of the high-accuracy SMX2064/60 with fully isolated extremely low noise SMX4032 Switching modules make up the foundation for high precision Test and Measurement systems.

Price and Availability

Readily available, the SMX2064 is priced at \$2,395, and the SMX2060 is priced at \$1,595.

About Signametrics

Signametrics pioneered the plug-in Digital Multimeter category, and keeps on leading in this market with advanced features, and ever increasing accuracy. Signametrics' current products are dedicated to PCI, PXI, and VXI Test and Measurement systems, and are complemented by "Front-panel" software, DLLs, and Drivers to ensure smooth software installation and integration.

Founded in 1990 by former Fluke engineers, Signametrics is a privately held company with headquarters in Seattle Washington.

Signametrics Corporation
6073 50th Ave N.E.
Seattle, Washington, 98115
USA

Phone (206) 524-4074
Fax (206) 525-8578

support@signametrics.com
sales@signametrics.com