



Contact: Suzanne Toomey
Public/Media Relations Coordinator
Phone: (440) 703-2304
Fax: (440) 439-4093

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Web: www.iotech.com
E-mail: sToomey@iotech.com

New 56-Channel Thermocouple Input Module

CLEVELAND, July 7, 2003 — IOtech, Inc. has introduced a new high-density thermocouple (TC) input module for its DaqBook/2000® and WaveBook/516E™ series of Ethernet-based data acquisition products. The DBK90™ is ideally suited for high channel count TC applications, enabling up to 896 thermocouples to be attached to one A/D mainframe. For larger channel count applications, multiple mainframes can be combined for a maximum capacity of 3,584 TC channels.

With DBK90, any combination of TC types can be attached to any channel via mini-TC input connectors. To insure accurate readings, each bank of 14 TC inputs has a separate cold-junction sensor. The time required to make a TC measurement on the DBK90 is 1 ms/channel.

All DBK90's are housed in a rugged, all-metal package that can be mounted on top of the A/D mainframe, or rack mounted using the optional rack-mount kit. For most applications, multiple DBK90s can be attached by simply snapping together multiple units, with only a single cable from one DBK90 back to the A/D mainframe. For applications in small spaces, such as in the trunk of an automobile, multiple DBK90s can be attached to one another via a cable, allowing them to easily fit into irregular spaces.

Pricing and Availability

The DBK90 is priced at \$1,495 for 56 TC channels, which results in \$27 per TC input channel. Orders for DBK90 modules can be placed immediately, with delivery 4 weeks ARO.

About IOtech

IOtech produces data acquisition hardware and software for use in PC-based test & measurement and industrial automation systems. Its products are used in research and manufacturing facilities and are sold throughout the world. IOtech, Inc. is located at 25971 Cannon Road, Cleveland, Ohio, 44146; telephone: (440) 439-4091; fax: (440) 439-4093; E-mail: sales@iotech.com; www.iotech.com.

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