Test systems

Avionics

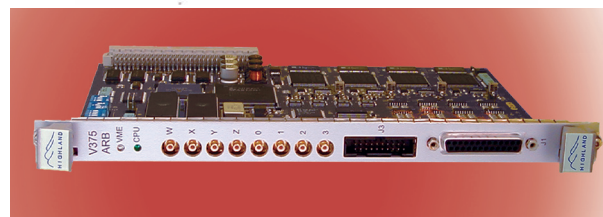## Highland Technology, Inc.

18 Otis Street • San Francisco, CA 94103
415-551-1700
www.HighlandTechnology.com

HIGHLAND TECHNOLOGY

V375

The Model V375 is a four-channel programmable arbitrary waveform generator VME module. It is intended for use in the generation of complex low-frequency wave-shapes, as might be used in vibration testing, polyphase AC waveform generation, and simulation or excitation of rotating machinery.

The V375 generates waveforms by scanning sequential data points stored in user-loadable memory, with outputs processed by digital-to-analog converters, smoothing filters, and output amplifiers. The module provides full realtime control of waveform, frequency, amplitude, and phase. Up to 16 modules may be ganged to allow synchronized generation of up to 64 waveforms.

FEATURES

> Four independent DDS frequency sources allow smooth variation of waveform scan rates without table reloads
> Four versatile, memory-table-driven waveform generators scan up to 65,536 points per waveform at up to 15MHz point
> Output frequency, amplitude, phase, and DC offset are smoothly variable in real time
> Output stage analog summing allows mixing of up to four programmed waveforms and one external analog input
> Channels may be synchronized within a module or across multiple modules
> Programmable waveform jump and triggered burst capability and programmable lowpass filters are provided

For more information, contact: info@HighlandTechnology.com

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