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Data Sheet
August 14, 2026

FLUKE / WAVETEK

Fluke / Wavetek 1370 12MHz VXI Sweep/Function Generator

Fluke Wavetek 1370 12 MHz VXI Sweep Function Generator The Wavetek Model 1370 isaC-size VXIbus programmable sweep/function generator providing sine triangle and square outputs from 0.01 Hz to 12 MHz. OEM ArtisanTG specification summaries list continuous triggered gated and burst modes, output 10 mV to 10 Vpp into 50 ohm (20 mV to 20 Vpp open circuit) with 3.5-digit resolution, offset to plus or minus 10 V, and SCPI remote programming. VXIbus ATE stimulus for analog boards, swept-frequency response testing within 0.01 Hz to 12 MHz, gated and burst waveform generation, and multi-module SCPI-controlled signal sources. The Wavetek Model 1370 isaC-size VXIbus programmable sweep/function generator providing sine triangle and square outputs from 0.01 Hz to 12 MHz. OEM ArtisanTG specification summaries list continuous triggered gated and burst modes, output 10 mV to 10 Vpp into 50 ohm (20 mV to 20 Vpp open circuit) with 3.5-digit resolution, offset to plus or minus 10 V, and SCPI remote programming. VXIbus ATE stimulus for analog boards, swept-frequency response testing within 0.01 Hz to 12 MHz, gated and burst waveform generation, and multi-module SCPI-controlled signal sources.

MODEL **Fluke / Wavetek 1370**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **1370**	LISTING **https://aumictechlabs.com/products/1370-2/**

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NAICS 423690 · 811210 · 541380

This unit

The Fluke/Wavetek 1370 is a 12 MHz VXI Sweep/Function Generator engineered for integration into VXI-based automated test systems. It generates stable, precise sine, triangle, square, and DC waveforms across a frequency range of 0.01 Hz to 12 MHz, with output amplitudes up to 20 Vpp into open circuit or 10 mVpp to 10 Vpp into 50Ω termination. The instrument operates in continuous, triggered, gated, and burst modes, supporting external TTL triggering and VXI bus commands. Bi-directional frequency sweep capability - linear or logarithmic - enables dynamic frequency characterization from 0.01 Hz to 12 MHz. Programmable offset control extends to ±10 V, allowing baseline adjustment or DC output level variation. Output protection guards against external overvoltages up to 100 V peak, with error status flagged to the VXI controller. Amplitude resolution reaches 3.5 digits. Full SCPI command compatibility ensures seamless integration into modern automated test environments and VXI chassis configurations. Technical Specifications Form Factor: C Size VXI Module Frequency Range: 0.01 Hz to 12 MHz Waveforms: Sine, Triangle, Square, DC Output Output Amplitude: Up to 20 Vpp (open circuit); 10 mVpp to 10 Vpp (50Ω termination) Amplitude Resolution: 3.5 digits Programmable Offset: ±10 V Output Impedance: 50Ω nominal Output Protection: 100 V peak overvoltage protection Key Features Continuous, triggered, gated, and burst signal modes Bi-directional frequency sweep with linear or logarithmic characteristics TTL trigger input and VXI trigger bus support SCPI command programming for automated control Compatibility & Integration VXIbus system integration SCPI (Standard Commands for Programmable Instruments) compatible Designed for VXI-based automated test system environments

1370 Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	Fluke Wavetek 1370
Form Factor	C size VXI module
Waveforms	sine triangle square
Frequency Range	0.01 Hz to 12 MHz
Sweep Characteristic	linear or logarithmic bidirectional
Output Into 50 Ohm	10 mV to 10 Vpp
Output Open Circuit	20 mV to 20 Vpp
Amplitude Resolution	3.5 digits
Offset Range	up to plus or minus 10 V
DC Function	programmable DC output via offset path
External Width Mode	two level output with programmable trigger reference
Output Protection	external overvoltages up to 100 V peak
Protection Status	error status bits to VXI controller
Signal Modes	continuous triggered gated burst
Remote Language	SCPI
Programming Bus	VXIbus
Maximum Frequency	12 MHz
Minimum Frequency	0.01 Hz
Termination Reference	50 ohm
Series Family	Wavetek VXI function generators
NSN Class Reported	6625-01-471-3812 class
Operating Temperature Class	laboratory VXI chassis ambient
Specification Ambient Class	laboratory ambient unless OEM table states otherwise
Calibration Path	OEM generator procedures
Local Front Panel Class	module dependent VXI soft front panel

PARAMETER	VALUE
Cooling	chassis airflow required
Operating temperature	Class: laboratory VXI chassis ambient

1370 Specifications

PARAMETER	VALUE
Fluke Wavetek 1370 12 MHz VXI Sweep Function Generator	Overview
Linear or logarithmic bidirectional frequency sweep	SCPI remote programming on VXI backplane
Technical Specifications	Instrument Family: Fluke Wavetek 1370

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: laboratory VXI chassis ambient
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Operating Temperature Class	laboratory VXI chassis ambient
Specification Ambient Class	laboratory ambient unless OEM table states otherwise
Calibration Path	OEM generator procedures
Local Front Panel Class	module dependent VXI soft front panel
Cooling	chassis airflow required Notes From Wavetek/Fluke 1370 12 MHz VXI Sweep/Function Generator OEM feature and specification summaries (ArtisanTG). Confirm exact amplitude accuracy footnotes on the module datasheet and calibration certificate.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Instrument Family	Fluke Wavetek 1370
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Frequency Range	0.01 Hz to 12 MHz
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Notes

From Wavetek/Fluke 1370 12 MHz VXI Sweep/Function Generator OEM feature and specification summaries (ArtisanTG). Confirm exact amplitude accuracy footnotes on the module datasheet and calibration certificate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: **sales@aumictech.com** · +1 (484) 841-9341

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