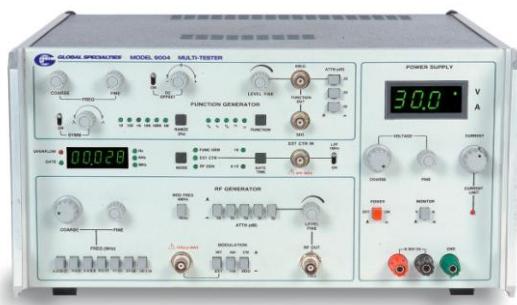


Test Equipment

Four-in-One Multi-Tester

Model 9004 4 Instrument Test Station

- The Model 9004 is great for service or Test bench & also for school labs.
- The touch of a button can select the 5 digit counter to accurately measure the Function Generator frequency, the RF Generator Freq or an External i/p signal.



Features:

- Unique combination of RF Generator, Function Generator, Frequency Counter & Power Supply
- Independent yet simple operation
- Excellent educational tool & service gear for the Engineer
- Logic Switch Operation is fast & easy
- 100 KHz to 110 MHz RF Generator
- 100 MHz, High Sensitivity Counter with 5 Digit Display
- 1 Hz to 1 MHz Function Generator
- Variable 32 V, 2A DC Power Supply with Adjustable Voltage and Current Limit
- Digital Readout for Voltage and Current
- 3-year Warranty

The 9004 combines some most needed Test Equipment in a very special way. It effectively gives you a 1 Hz to 110 MHz generator & a 60W Power Supply to power your test circuits. The professional will find it covers a broad spectrum of his test needs & the schools will see plenty of experiments with it. A very wide variety of experiments in Analog, Digital & RF can be performed with just this unit.

The unit is great for service or Test bench & also simple enough for a school lab. The touch of a button can select the 5 digit counter to accurately measure the Function Generator frequency, the RF Generator Freq or an External i/p signal. All functions are kept completely independent for FULL Functionality & there is no clutter of switches & knobs.

The RF Generator covers a frequency range all the way up to the commercial FM band. It also has fixed internal AM & FM modulation and also the facility of External modulation.

The Function Generator features Unipolar Square/Pulse outputs to directly interface to digital circuits, in addition to the standard Sine, Triangle, and Square. There are 2 Outputs-50 Ohm & 600 Ohm to match audio impedances.



Innovative Training Solutions

www.globalspecialties.com

Test Equipment

Four-in-One Multi-Tester

Specifications

Model		9004
RF SIGNAL GENERATOR		
CM Signal	100 MHZ to 110 MHz in 7 ranges & continuously variable over the whole range with a coarse and fine control	
Modulation Frequency	a) Internal Modulation 30% b) External Modulation: Freq. Range 50Hz to 4kHz bandwidth ±3dB	
Output Amplitude	200mV p-p at 75ohms	
Attenuation	2 x 20 dB step and continuously variable 20 dB (approx.)	
FM Signal	30 MHz to 110 MHz	
Modulation Frequency	Selectable 400 Hz/1kHz	
Frequency Modulation	a) Internal 30kHz (approx.) b) External Modulation: Freq. Range 50Hz to 4kHz bandwidth ±3dB	
FREQUENCY COUNTER		
Readout	5 digit, 0.3 LED Display	
Frequency Range	10Hz to 100MHz	
Range Selection	Hz/KHZ/MHz selection is automatic depending on mode selected	
Source Selection	Internal AM/FM/Internal Function/External Frequency/Logic Selected	
Annunciation	GATE, OVERFLOW, Hz, KHz, MHz, INT, AM/FM, FUNCTION, EXT FREQUENCY	
Gate Period	0.1 sec & 1 sec by LED indication for ext. counter mode	
Sensitivity	50mV	
Dynamic Range	50mV to 1V rms	
FUNCTION GENERATOR		
Frequency	1 Hz to 1 MHz	
Waveform	Sine, Square, Triangular, +pulse, -pulse, Ramp	
Amplitude	30V p-p at 600 ohms & 50 ohms terminal (open circuit)	
Attenuation	2 x 20 dB step & 20dB continuously variable	
Output Impedance	600 ohms, 50 ohms	
DC Offset	0 to ±15V max. (open circuit)	
Sinewave Distortion	(Pulse Duty) <3%	
Cycle	10% to 90% variable	
Symmetry on/off	In off mode 50% duty cycle	
POWER SUPPLY		
Reg. DC Power Supply	0 to 32V/2 Amp independent ON/OFF switchable	
Display	3 digit, 0.5 LED Display for voltage or current switchable	
Voltage	Coarse & Fine control	
Current	0 to 2 Amp	
Load Regulation	0.1%	
Ripple	<5 mV	
Current Limit	Desired current setting	
Current Limit LED	Indicates when current limit is reached	
GENERAL		
Power	115V/230V AC switchable ±10%, 47-65Hz, 125VA (max)	
Dimensions	360 (W) x 190 (H) x 375 D mm	
Weight	27lbs. approx.	
ACCESSORIES	1. BNC to BNC Cable 2. BNC to Alligator Clip 3. Instruction Manual	

Technical data subject to change without notice.



Данный компонент на территории Российской Федерации**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибуторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ Р В 0015-002 и ЭС РД 009

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