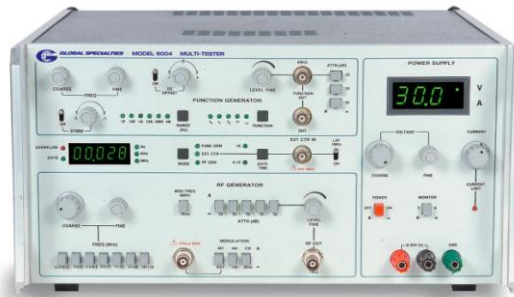


Test Equipment

Four-in-One Multi-Tester

Model 9004 4 Instrument Test Station



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.



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Test Equipment

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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 ± 3 dB
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 ± 3 dB
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 ± 15 V 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 $\pm 10\%$, 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 дистрибьюторами 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 РВ 0015-002 и ЭС РД 009

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