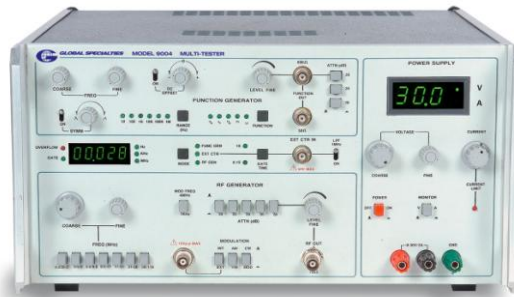


Test Equipment

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.





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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