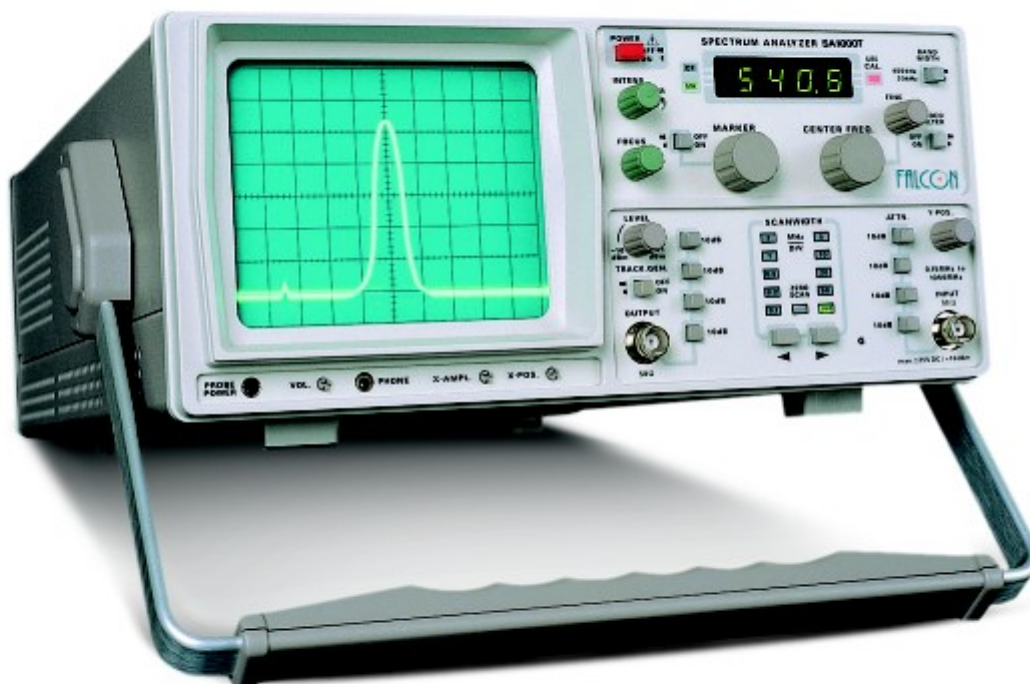


ANALYZERS

SA-1000TG

1GHz Spectrum Analyzer with Tracking Generator



SA-1000TG Spectrum Analyzer is a digital synthesized RF measurement instrument with Tracking Generator & frequency up to 1GHz. It uses VCO phase locked technique. It has rugged casing & has easy to control operating panel. The Spectrum Analyzer can carry out good inspection of the faults of cable system and wireless system including remote control, cordless phone, cable TV and communication equipment, as well as good comparison and analysis of frequency of signals.

FEATURES

- Frequency range 0.15 to 1050MHz
- Amplitude range:-100~+13dBm
- Tracking generator
- Output level range:- 50~+1dBm(in 10dB steps and var.)

SPECIFICATIONS

Frequency Range	:	0.15 to 1050MHz
Center frequency display accuracy	:	$\pm 100\text{kHz}$
Marker accuracy	:	$(0.1\% \text{span} + 100\text{kHz})$
Resolution of frequency display	:	100kHz(4.5digit LED)
Frequency scan width accuracy	:	$\pm 10\%$
Frequency stability	:	better than 150kHz/hour
IF bandwidth(-3dB)	:	400kHz and 20kHz
Video-filter(ON)	:	4kHz
Sweep Rate	:	43Hz
Amplitude range	:	-100dBm to +13dBm
Screen display range	:	80 dB(10dB/div.)
Reference level	:	-27dBm to +13dBm(in 10dB steps)
Reference level accuracy	:	$\pm 2\text{dB}$
Average noise level	:	-90dBm(20kHz bandwidth)

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SPECIFICATIONS

Distortion	:	<-55dBc of 2nd and 3rd harmonic
Third order intermod	:	-70dBc(two signal>3MHz apart)
Sensitivity	:	<5dB above average noise level
Log scale fidelity	:	±2dB(without attn.)500MHz
Input attenuator	:	0 to 40dB(4×10dB steps)
Input attenuator accuracy	:	±1dB/10dB
Max.input level	:	+10dBm,±25V DC(0dB attn.)+20dBm(40dB attn.)
Frequency scanwidth	:	100kHz/div.to 100MHz/div.,in 1-2-5 steps and 0Hz/div.(Zero Scan)
Output Frequency	:	0.15MHz to 1050Mhz
Output attenuator accuracy	:	±1dB
Output attenuator	:	0 to 40dB(4×10dB steps)
Frequency response	:	±1.5dB
Output impedance	:	50Ω(BNC)
Radio Frequency Interference(RFI)	:	<20dBc
Output level range	:	-50dBm to +1dBm (in 10dB steps and Var.)
ACCESSORIES	:	BNC-BNC Cables, Power Chord, Instruction Manual

