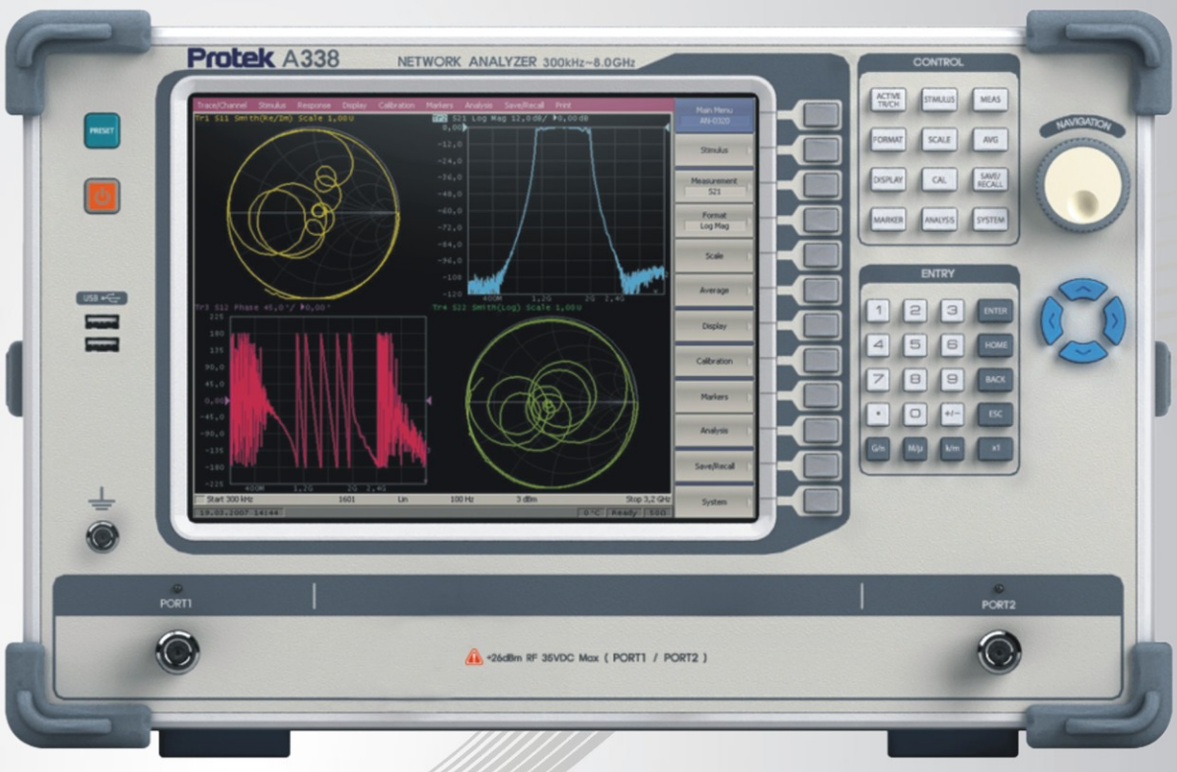
New Product



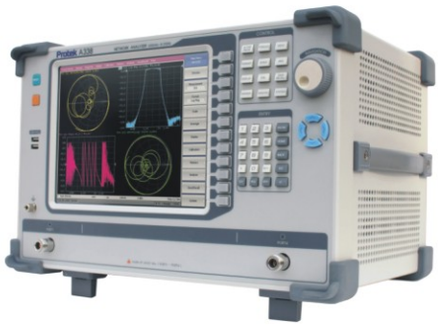
New Product

8GHz Network Analyzer

Protek A338

Protek A338

Protek A338 is vector network analyzer supporting from 300kHz to 8GHz and designed to analyze the properties of electrical networks, especially those properties associated with the reflection and transmission of electrical signals known as S-parameters.



Frequency Range	· 300KHz ~ 8GHz
Measurement Level	-60dbm ~ +10dbm (300KHz~6GHz)
	-60dbm ~ +5dbm (6GHz~8GHz)
Display	· 10.4 inch TFT Color LCD
	Touch Screen
Interface	· USB(2)/LAN/Print/Video/Keyboard/Mouse
	GPIB (Option)
Operating System	· Windows XP

Specifications

Frequency range	300 kHz to 8 GHz	
CW frequency accuracy	$\pm 5 \times 10^{-6}$	
Harmonic distortion	-25 dBc	
Non harmonic spurious	-30 dBc	
Output power level	300 kHz to 6.0 GHz	-60 dBm to +10 dBm
	6.0 GHz to 8.0 Ghz	-60 dBm to +5 dBm
Output power level accuracy	±1.0 dB	
Magnitude transmission measurement accuracy, if $\|S_{11}\|$ and $\|S_{22}\|$ of the DUT are less than -32 dB, and $\|S_{21}\|$ and $\|S_{12}\|$ values are as follows:	+5 dB to +15 dB	0.2 dB
	-50 dB to +5 dB	0.1 dB
	-70 dB to -50 dB	0.2 dB
	-90 dB to -70 dB	1.0 dB
Phase transmission measurement accuracy, if $\|S_{11}\|$ and $\|S_{22}\|$ of the DUT are less than -32 dB, and $\|S_{21}\|$ and $\|S_{12}\|$ values are as follows:	+5 dB to +15 dB	2°
	-50 dB to +5 dB	1°
	-70 dB to -50 dB	2°
	-90 dB to -70 dB	6°
Magnitude reflection measurement accuracy, if $\|S_{11}\|$ and $\|S_{22}\|$ values are as follows:	-15 dB to 0 dB	0.4 dB
	-25 dB to -15 dB	1.0 dB
	-35 dB to -25 dB	3.0 dB
Phase reflection measurement accuracy, if $\|S_{11}\|$ and $\|S_{22}\|$ values are as follows:	-15 dB to 0 dB	3°
	-25 dB to -15 dB	6°
	-35 dB to -25 dB	20°
Receiver noise floor (IF bandwidth 10 Hz)	-125 dBm	
Trace noise (IF bandwidth 3 kHz)	0.001 dB rms	
Uncorrected directivity	-18 dB	
Uncorrected source match	-18 dB	
Uncorrected load match	-18 dB	
AC mains power	100 to 240 VAC 50/60Hz	
Power consumption	110W	
Dimensions LxWxH	320 x 439 x 280 mm	
Weight	20 kg	
Operating conditions :		
- Temperature	5 °C to 40 °C	
- Humidity at 25 °C	90%	
- Atmospheric pressure	84 to 106.7 kPa	

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