



PRODUCT CATALOG

ETRONTIMES TECHNOLOGY

**High-Power RF/Microwave Test
Instruments and Solutions Supplier**

Professional · Precise · Efficient

ETRONTIMES TECHNOLOGY PTE LTD

About Etrontimes

High-Power RF/Microwave Test Instruments
and Solutions Supplier

Etrontimes is a technology company specializing in high-power RF test instruments and solutions. We are committed to providing high-performance, reliable RF testing and measurement products for customers worldwide.



PRODUCT PORTFOLIO

High-power signal generators; RF power meters; directional and absorption power meters; directional and absorption spectrum analyzers; directional vector analyzers; power amplifiers; RF generators.



TECHNICAL STRENGTHS

Wide frequency coverage · High power handling · High precision · Reliable performance



APPLICATIONS

Communications & Radar | Electronic Warfare | RF Medical Systems | Wireless Power Transfer | Scientific Research | Semiconductor Processing Industrial Heating

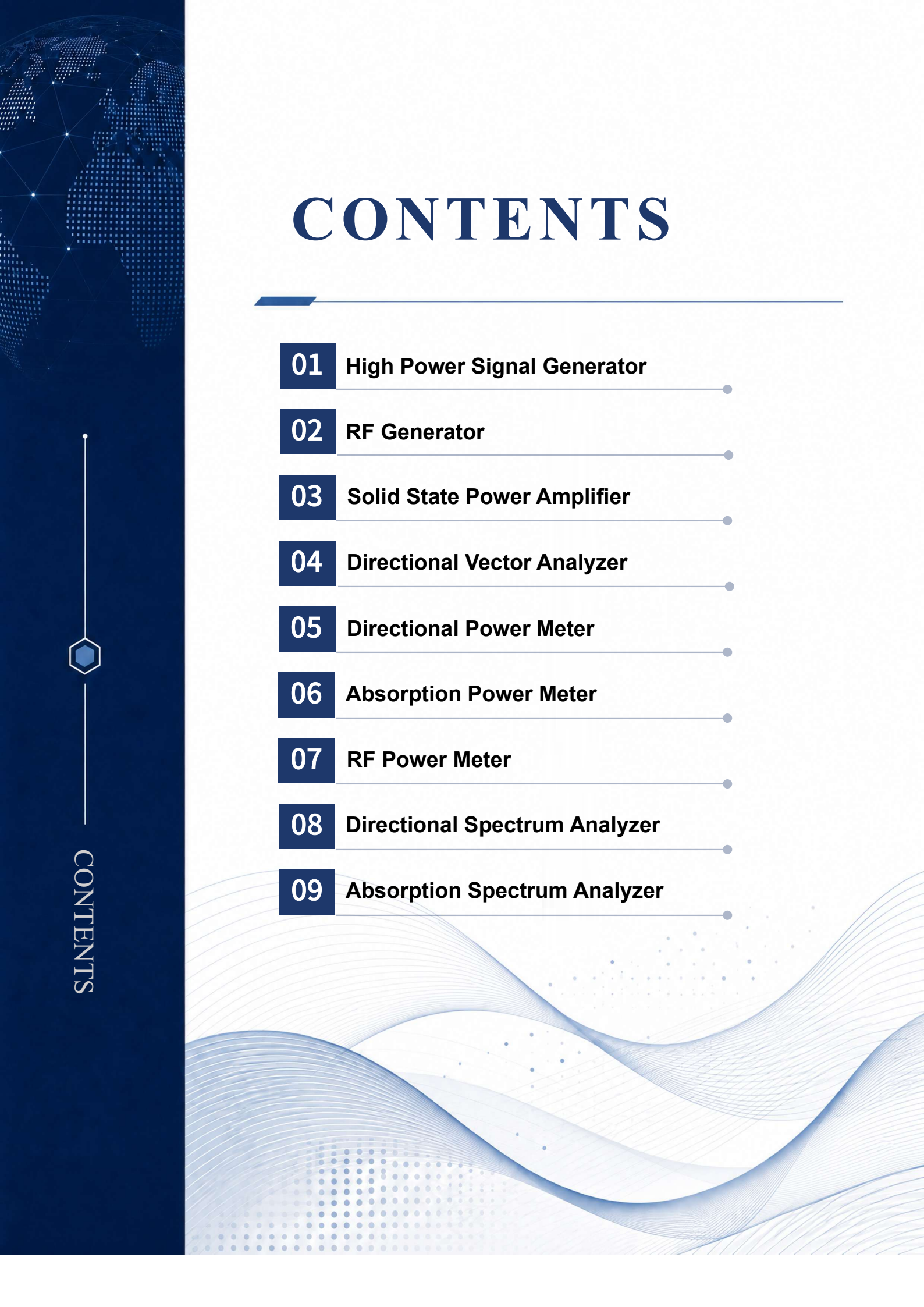


OUR SERVICES

Customized solutions, professional technical support, and system integration services tailored to specific customer requirements.

Certifications

EMPOWERING ASSURANCE SYSTEMS	Certificate No : EAS/SGP/12438		
	<i>Certificate of Registration</i>		
	<i>This is to Certify that the Quality Management System Of</i>		
	ETRONTIMES TECHNOLOGY PTE LTD		
	18 BoonLay Way Tradehub 21 #08-104		
	<i>Has been successfully assessed and Comply with the following standard</i>		
	ISO 9001:2015		
	<i>Scope of Certification</i>		
	<i>Manufacturing of RF equipment</i>		
	<i>Initial Issue Date : 5th Feb 2026*</i> <i>Valid From : 5th Feb 2026</i> <i>Valid To : 4th Feb 2027*</i>		
Certificate is valid for Three Years(5th Feb 2026 to 4th Feb 2029) from the date of Initial registration. Upon successful completion of Surveillance audit a new certificate with an extended validity will be issued. This certificate is property of EAS and shall be returned immediately on request.			
			
1495/1,Manasarovar ,16th Main Road, Anna Nagar,West,Chennai - 600040,Tamil Nadu , India. Ph : +91 4426162670 E-mail : info@easiso.com ,Website : eascertification.com			



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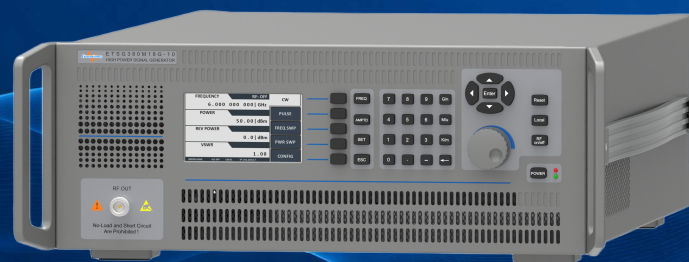
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High Power Signal Generator

Wideband & High Power · CW/Pulse/Analog Modulation
High-Precision Frequency & Power Adjustment



Introduction

The High-Power Signal Generator features a highly linear RF output architecture, delivering wide bandwidth, high power, and high precision, with output power up to 1 kW. It meets the signal excitation, testing, and validation requirements of high-power RF systems.

The product series covers frequencies from 4 kHz to 40 GHz, with up to 1 kW continuous-wave output, and is widely used for passive component testing, RF chip testing, antenna testing, and more.

Features

- High-Power Output: Up to 1 kW CW
- Wide Frequency Range: 4 kHz–40 GHz (All Models)
- High-Precision Output: Power Accuracy ≤ 0.3 dB Typ.
- Supports CW, Pulse & Analog Modulation Signals
- Integrated Design: No Need for Multiple Instruments
- Remote Communication Supported



Frequency Range:
4kHz-40GHz



Max Output Power:
1kW Max.



High Dynamic Range
Adjustable Range ≥ 120 dB



Durable Design
Industrial-Grade Reliability

Typical Model List (Customizable)

Model No.	Frequency	Max Output Power	Connector
ETSG4K400M-200	4kHz - 400MHz	200 W	N-F
ETSG380M6G-1K	380MHz - 6GHz	1 kW	7/16
ETSG380M18G-100	380MHz - 18GHz	100 W	N-F
ETSG380M40G-20	380MHz - 40GHz	20 W	2.92-F

Max Output Power

1 kW

Frequency Range

4 kHz - 40 GHz

Applications



Radar & Electronic Warfare



Communications System Testing



Plasma Excitation



High-Energy Physics Research



Satellite & Aerospace

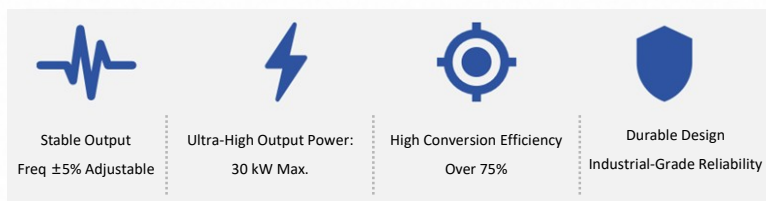
RF Generator

High Power Output · Precise · Stable & Reliable



Introduction

The RF Generator features advanced Class D/Class E LDMOS technology, combining high precision, high-power output, and intelligent monitoring. The built-in VI Sensor provides real-time monitoring of forward/reverse power and VSWR. Covering frequencies from 2 MHz to 2.45 GHz and output power up to 30 kW CW, it is widely used in wireless power transfer, industrial heating, ion etching, and vacuum coating.



Features

- Frequency Range: Center Frequency $\pm 5\%$ Adjustable (All Models)
- Stable CW Output, Up to 30 kW
- High Efficiency: Up to 75%
- Built-in VI Sensor for Forward/Reverse Power, VSWR & Impedance Monitoring
- Protection: Over-voltage, Over-current, Over-temperature & Over-VSWR
- Remote Communication Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Output Power	Connector
ETSG1356M	13.56MHz $\pm 5\%$	30 kW	3-1/8"
ETSG2712M	27.12MHz $\pm 5\%$	30 kW	3-1/8"
ETSG4068M	40.58MHz $\pm 5\%$	30 kW	WR159
ETSG2450M	2.45GHz $\pm 5\%$	20 kW	WR159

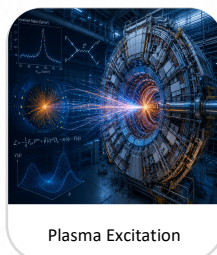
Max Output Power

30 kW

Frequency

$\pm 5\%$ Adjustable

Applications



Power Amplifier

Wide Band · High Power · Stable Performance



Introduction

The LDMOS or GaN-based linear solid-state power amplifiers offer wideband coverage, high output power, and high-precision amplification, with output power up to 100 kW. They are ideal for testing and driving radar, communications, plasma, EMC, and other high-power RF systems.

The series covers 4 kHz–110 GHz, with output power up to 100 kW, and is widely used in radar, communications, semiconductor testing, and electronic warfare.



Frequency Range:
4 kHz–110 GHz



Output Power:
100 kW Max.



Precise Power Output
Accuracy $\leq \pm 0.5$ dB



Durable Design
Industrial-Grade Reliability

Features

- Linear solid-state design
- Frequency range: 4 kHz–110 GHz (series-dependent)
- Maximum output power: 100 kW
- Protection against over-voltage, over-current, over-temperature, and excessive VSWR
- Built-in power meter displaying FWD/REV power and VSWR
- Color touchscreen
- Remote communication and system integration

Typical Model List (Customizable)

Model No.	Frequency	Max Output Power	Connector
ETPA80M1G-5K	80MHz - 1GHz	5 kW	7/8-F
ETPA700M6G-1K	700MHz - 6GHz	1 kW	7/16-F
ETPA6G18G-5K	6 - 18GHz	5 kW	WRD500D36
ETPA18G40G-500	18 - 40GHz	500 W	WRD180C24

Max Output Power

100 kW

Frequency Range

4 kHz - 110 GHz

Applications



Radar & Electronic Warfare



Communications System Testing



Plasma Excitation



High-Energy Physics Research

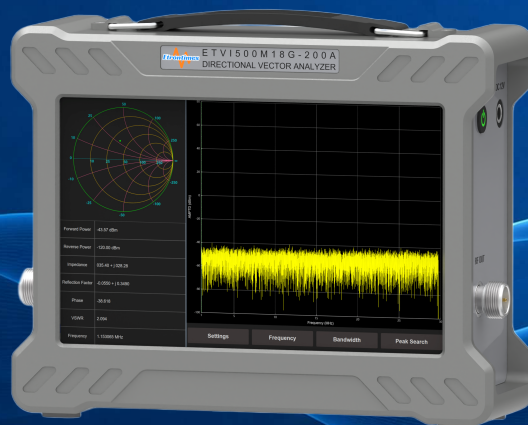


Satellite & Aerospace



Directional Vector Analyzer

High Power Output · Precise · Stable & Reliable



Introduction

The Directional Vector Analyzer measures forward/reverse power, VSWR, load impedance, and Smith charts for high-power RF system testing and monitoring.

Covering 1 MHz–40 GHz and up to 140 kW through power, it is ideal for RF medical, industrial heating, and semiconductor applications.

			
Frequency Range 1 MHz - 40 GHz	Max Through Power 140 kW Max.	High-Precision Measurement & Wide Dynamic Range	Durable Design Industrial-Grade Reliability

Features

- Vector Analysis: Simultaneous Measurement of Fwd/Rev Power, VSWR & Load Impedance
- Smith Chart & Spectrum Display
- Wide Frequency Range: 1 MHz–40 GHz (All Models)
- Through Power: Up to 140 kW
- High-Precision Measurement with Low Insertion Loss
- Color Touchscreen
- Optional Battery, ≥6 h Operation
- Remote Communication & System Integration Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Through Power	Connector
ETVI1M30M-140K	1- 30MHz	140 kW	4-1/2"
ETVI400M6G-1K	400MHz - 6GHz	1 kW	7/16-F
ETVI500M18G-200	500MHz - 18GHz	200 W	N-F
ETVI18G40G-200	18 - 40GHz	200 W	WRD180C24

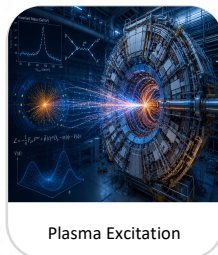
Max Through Power

140 kW

Frequency Range

1 MHz - 40 GHz

Applications



Directional Power Meter

High Power Output · Precise · Stable & Reliable



Introduction

The Directional Power Meter features a through-line design for direct measurement of forward and reverse power. It delivers wideband, high-power, high-precision RF measurement for monitoring and testing high-power RF systems.

Covering 9 kHz–67 GHz and handling up to 140 kW through power, it is widely used in communication & radar, electronic warfare, industrial heating, and research applications.



Features

- Through-Type Design for Simultaneous Fwd/Rev Power Measurement
- Wide Frequency Range: 9 kHz–67 GHz (All Models)
- Through Power: Up to 140 kW
- High-Precision Measurement with Low Insertion Loss
- Color Touchscreen
- Multiple Units & Parameter Settings
- Optional Battery, ≥6 h Operation
- Remote Communication & System Integration Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Through Power	Connector
EDPM1M500M-1K	1 - 500MHz	1 kW	N-F
EDPM400M6G-1K	400MHz - 6GHz	1 kW	7/16-F
EDPM6G18G-1K	6 - 18GHz	1 kW	WRD500D36
EDPM18G40G-200	18- 40GHz	200 W	WRD180C24

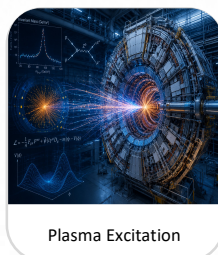
Max Through Power

140 kW

Frequency Range

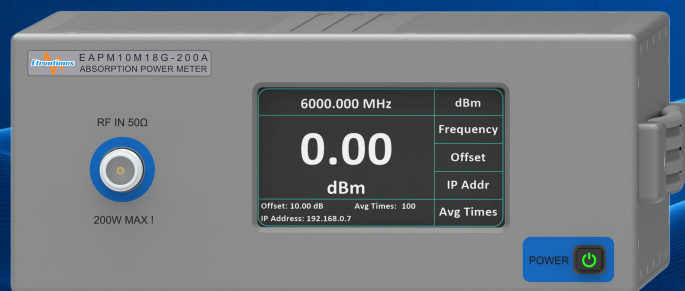
9 kHz - 67 GHz

Applications



Absorption Power Meter

Wide-band & High Power ·
Precision with High Reliability



Introduction

The Absorption Power Meter features an absorption design for direct measurement of high-power RF signals. It delivers wideband, high-power, and high-precision measurement for monitoring and testing high-power RF systems.

Covering 4 kHz–40 GHz and directly measuring and absorbing up to 10 kW, it is widely used in radar, electronic warfare, industrial heating, and research applications.



Features

- Absorption Design with Built-In Load for Direct High-Power Testing & Absorption
- Wide Frequency Range: 4 kHz–40 GHz (All Models)
- Max. Measurement Power: 10 kW
- High-Precision Measurement
- Color Touchscreen
- Multiple Units & Parameter Settings
- Optional Battery, ≥4 h Operation
- Remote Communication & System Integration Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Measurement Power	Connector
EAPM9K1G-10K	9kHz-1GHz	10 kW	WR159
EAPM10M6G-1K	10MHz-6GHz	1 kW	7/16-F
EAPM50M18G-200	50MHz-18GHz	200 W	N-F
EAPM50M40G-50	50MHz-40GHz	50 W	2.92-F

Max Measurement Power

10 kW

Frequency Range

4 kHz - 40 GHz

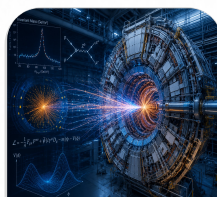
Applications



Radar & Electronic Warfare



Communications System Testing



Plasma Excitation



High-Energy Physics Research



Satellite & Aerospace



RF Power Meter

High Power Output · Precise · Stable & Reliable



Introduction

The RF Power Meter features a dual-channel design for simultaneous measurement of two signals, offering wideband coverage, high dynamic range, and high-precision measurement. It is ideal for multi-point monitoring applications.

Covering 9 kHz–40 GHz with a dynamic power range of ≥ -50 to $+20$ dBm (expandable with interchangeable probes), it is widely used in passive component testing, chip testing, electronic warfare, and research.



Frequency Range:
9kHz - 40 GHz



High Dynamic Range:
-50 - +20dBm



Precise Measurement
Power Accuracy $\leq \pm 3\%$



Durable Design
Industrial-Grade Reliability

Features

- Wide Frequency Range: 9 kHz–40 GHz (Expandable)
- High Dynamic Range: -50 to $+20$ dBm
- High-Precision Measurement: $\leq \pm 3\%$
- Dual-Channel Operation for Simultaneous Multi-Point Testing
- Interchangeable Probes for Extended Frequency & Power Ranges
- Auto Zeroing & Calibration to Eliminate Probe Errors
- Remote Communication & System Integration Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Measurement Power	Connector
ETPS9K400M	9kHz - 400MHz	-50 - +20dBm	N-F
ETPS10M6G	10MHz - 6GHz	-60 - +20dBm	N-F
ETPS9K12G	9kHz - 18GHz	-50 - +20dBm	N-F
ETPS9K40G	9kHz - 40GHz	-50 - +20dBm	2.92-F

High Dynamic Range

-50 - +20dBm

Frequency Range

9 kHz - 40 GHz

Applications



Radar & Electronic Warfare



Communications System Testing



Plasma Excitation



High-Energy Physics Research

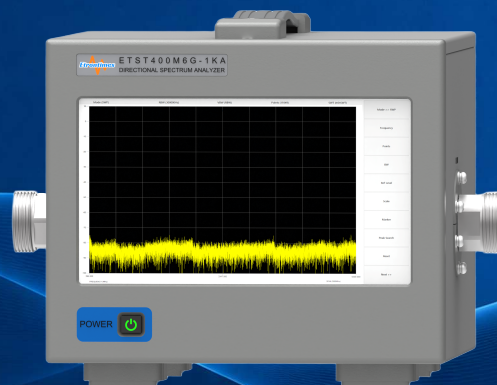


Satellite & Aerospace



Directional Spectrum Analyzer

Wide-band & High Power ·
Precision with High Reliability



Introduction

The Directional Spectrum Analyzer features a through-line design for direct monitoring of forward and reverse spectra in the signal path. It delivers wideband, high-power, and flexible spectrum monitoring for high-power RF systems.

Covering 9 kHz–18 GHz and handling up to 140 kW through power, it is widely used in communication & radar, electronic warfare, industrial heating, and research applications.



Features

- Directional Design with Fwd/Rev Spectrum Display
- Wide Frequency Range: 9 kHz–18 GHz (All Models)
- Through Power: Up to 140 kW
- High-Precision Measurement with Low Insertion Loss
- Color Touchscreen
- Highly Integrated for Field Applications
- Optional Battery, ≥6 h Operation
- Remote Communication & System Integration Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Through Power	Connector
ETST1M30M-140K	1 - 30MHz	140 kW	4-1/2"
ETST1M500M-1K	1 - 500MHz	1 kW	N-F
ETST400M6G-1K	400MHz - 6GHz	1 kW	7/16-F
ETST6G18G-3K	6 - 18GHz	3 kW	WRD500D36

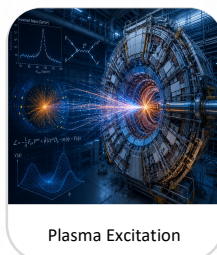
Max Through Power

140 kW

Frequency Range

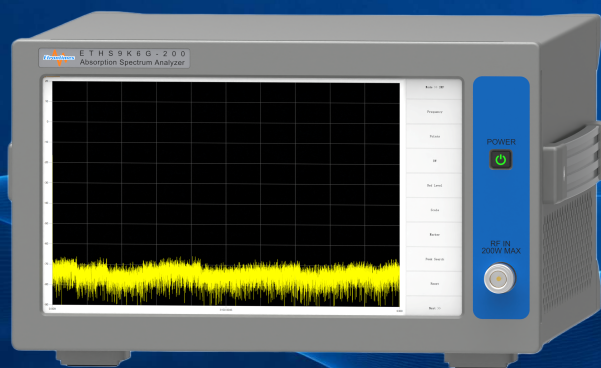
9 kHz - 18 GHz

Applications



Absorption Spectrum Analyzer

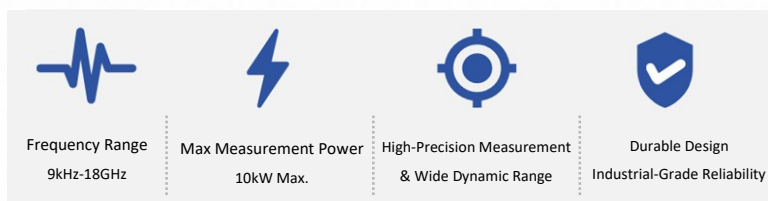
Wide-band & High Power ·
Precision with High Reliability



Introduction

The Absorption Spectrum Analyzer features an absorption design for direct spectrum analysis of high-power RF signals. It provides wideband, high-power monitoring for high-power RF systems.

Covering 9 kHz–18 GHz and handling up to 10 kW, it is widely used in communication and radar, electronic warfare, industrial heating, and research applications.



Features

- Absorption-Type Design with Built-In Load for Direct High-Power Testing
- Wide Frequency Range: 9 kHz–18 GHz (All Models)
- Max. Test Power: 10 kW
- Spectrum Sweep Speed: 1.2 THz/s
- Color Touchscreen
- Multiple Test Modes Supported
- Optional Battery ≥4 h Operation
- Remote Communication & System Integration Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Measurement Power	Connector
ETHS9K1G-10K	9kHz-1GHz	10 kW	WR159
ETHS9K6G-1K	9kHz-6GHz	1 kW	N-F
ETHS9K18G-200	9kHz-18GHz	200 W	N-F
ETHS10M18G-200	10MHz-18GHz	200 W	N-F

Max Measurement Power

10 kW

Frequency Range

9 kHz - 18 GHz

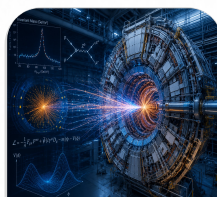
Applications



Radar & Electronic Warfare



Communications System Testing



Plasma Excitation



High-Energy Physics Research



Satellite & Aerospace

LOOKING FORWARD TO WORKING WITH YOU

**CREATE VALUE TOGETHER
DRIVE INNOVATION IN HIGH POWER RF TECHNOLOGY**

Professional Services



Customized Solutions

Professional, tailored solutions based on your specific requirements.



High Quality & Reliability

Strict Quality Control System
Ensuring Stable and Reliable Products.



Professional Technical Support

Experienced Technical Team
Providing Comprehensive Support.



Etrontimes Technology



Email:
sales@etrontimes.com



Website:
www.etrontimes.com



Address:
18 Boon Lay Way Tradehub 21 #08-104 Singapore 609966

