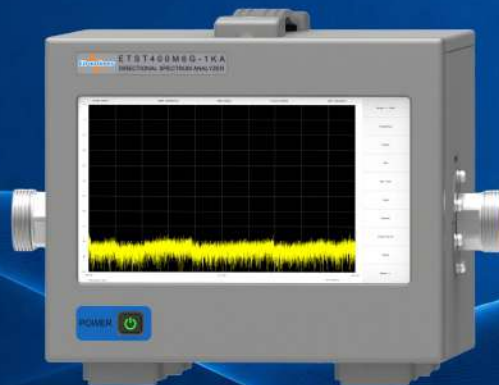


Directional Spectrum Analyzer

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.



Frequency Range:
9kHz-18GHz



Max Through Power:
10kW Max.



High-Precision Measurement
& Wide Dynamic Range



Durable Design
Industrial-Grade Reliability

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



Radar & Electronic Warfare



Communications System Testing



Plasma Excitation



High-Energy Physics Research



Satellite & Aerospace

