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 ≤±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: ≤±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

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