

HF-RT-211

Vector Analyzer



The vector analyzer accurately measures impedance, insertion loss and RF parameters. It is widely applied to test power cables and distribution components, supporting spectrum analysis and cable fault diagnosis with high precision for both laboratory and on-site power engineering applications.

Key features

- Wiring is completed via clamp-on current transformers without disconnecting the power circuit, ensuring convenient and safe operation.
- Vector analysis for complex relay protection devices can be performed to judge wiring correctness and generate standard correct wiring diagrams for comparison.
- On-site harmonic measurement is supported; it analyzes harmonics from the 2nd to 21st order and automatically calculates total harmonic distortion rate.
- Powered by large-capacity lithium battery, it works continuously for up to 8 hours.
- Test data can be stored for unified management, filing and inquiry, with a storage capacity of more than 200 groups of records.

Technical specifications

Parameter	Value
Number of voltage channels	3 channels
Voltage measurement range	0~450V
Voltage display resolution	0.01V
Number of current channels	6 channels
Current measurement range	0~6A
Current display resolution	0.0001A
Phase measurement range	-180° ~ +180°
Harmonic analysis orders	2 ~ 21 orders

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.