

ROTOTEC



SPINTEC

RF Vector Impedance Analyser 30kHz to 300MHz

The TE3000 Vector Impedance Analyser is portable desktop instrument designed for high accuracy impedance measurement. The probe style construction and small output signal make it ideal for 'in circuit' impedance characterisation of small signal devices without the risk of damage to the device under test.

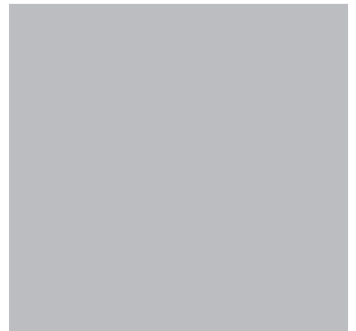
The TE3000 comes factory calibrated to the tip of the probe with optional custom calibration. Turn it on, set the frequency, take a measurement, and display the results in any format. Simple, fast and accurate.

The included software provides a host of functions for complex data analysis. Take a sweep, filter the trace, add markers and annotations and copy to any document for a fast and professional presentation of results.

Applications:

TE3000

- Component characterisation
- PCB circuit characterisation
- Cable tuning / stub tuning
- Balun tuning
- Quartz crystal characterisation
- Impedance matching
- LCR meter



Frequency Measurements

Portable Network Analyser

TE 3000 TE 3001

Network Analyser for
NMR-Probe- and
MRI-Head-Tuning



The TE3001 One Port Vector Network Analyser is built for the professional who understands the calibration process and has a network analysis task to perform. The unit features 10x larger output signal than the TE3000 for better noise immunity, and is supplied with a 6 piece custom calibration kit to remove the effect of test fixtures and cables.

Together, these features make the TE3001 ideal for broadcast and plasma applications that require a length of cable for connection and may be high in noise or interference.

To compliment this construction, the TE3001 software provides a powerful set of formats and charts for fast analysis, and interfaces with a simple USB.

Features include smith charts, multi series plotting, difference plotting, curve smoothing, annotations, cursors, time domain reflectometry and interference spectrum scanning.

Key Specifications see
www.rototec-spintec.com

for additional technical
details.

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