

Rosenberger®

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## ***Portable Passive Intermodulation Analyzer***

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# Rosenberger

## Portable Passive Intermodulation Analyzer

The portable Passive Intermodulation (PIM) Analyzer from Rosenberger has been designed to quickly and accurately measure the intermodulation characteristics of connectors, cable assemblies, antennas, filters, tower mounted devices and other passive components – fast, simple and in high precision quality. The PIM Analyzer operates in AMPS, EGSM, DCS, PCS or UMTS frequency bands. The modular design enables – by adding additional filter units – IM measurements from 800 MHz up to 2200 MHz.

Delivered in a rugged carrying case, the portable Rosenberger PIM Analyzer is ideal for outdoor and field measurements.

### Main Features

#### Modular Design

Configurable to customer specific bands of operation by a simple filter change. Examples include:

800	AMPS (GSM 850)	UMTS 850
900	EGSM, GSM 900	
1800	DCS (GSM 1800)	
1900	PCS, GSM 1900	
2100	UMTS, WCDMA	

#### Portable

For outdoor and field measurements

#### Measures

Reversed 3rd, 5th, and 7th order Intermodulation products for:

Antennas  
Transmission Lines  
Connectors  
Jumpers  
Filters and Combiners  
Splitters  
Power Mounted Devices  
Other Passive Components

#### Outstanding Testing Capability

IM-Level (2X) 43 dBm, S/N= 10 dB -168 dBc (typical)

#### Operation/Measurement Modes

Sweep/Two Tone Measurements

#### Testport Power

Selectable from +36 to +46 dBm (2X)

#### Remote Control

By USB, GPIB or LAN (TCP/IP)

#### Available Accessories include

Band Filters  
Low PIM Adapters and Terminations  
Test Cables

