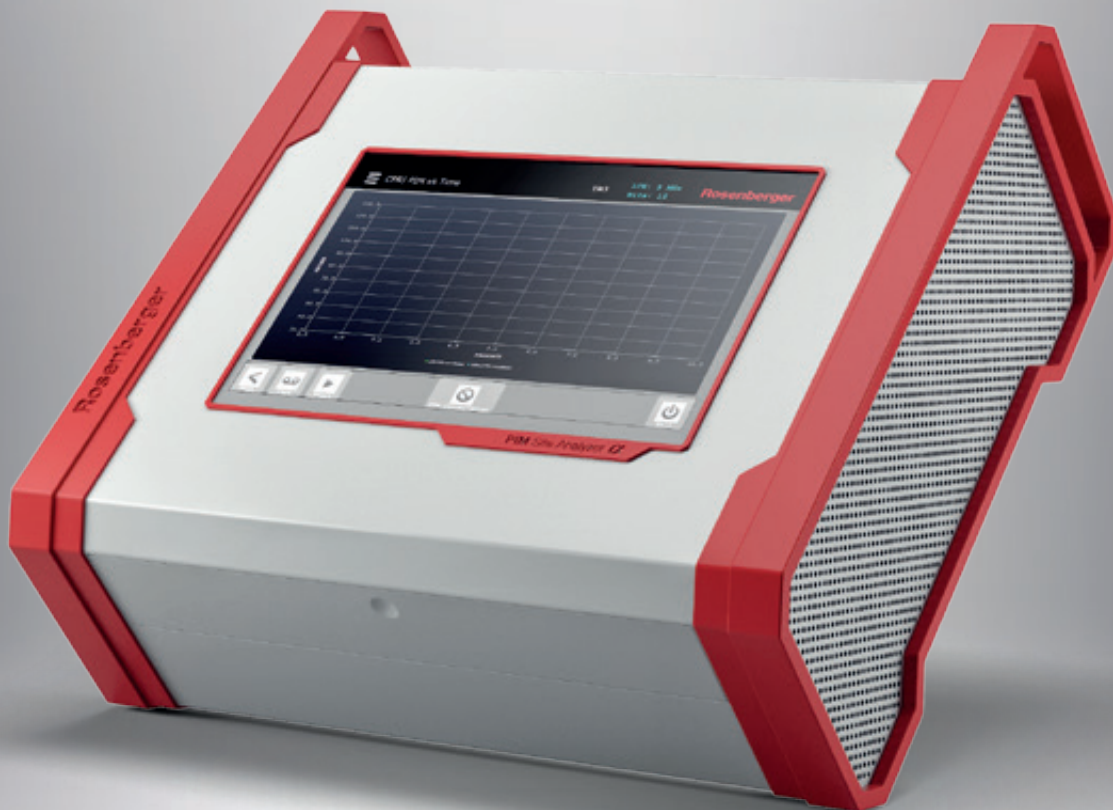


# Rosenberger

## PIM Site Analyzer $\alpha$

World's First Multi-function CPRI and RF PIM Site Analyzer



## Company Profile

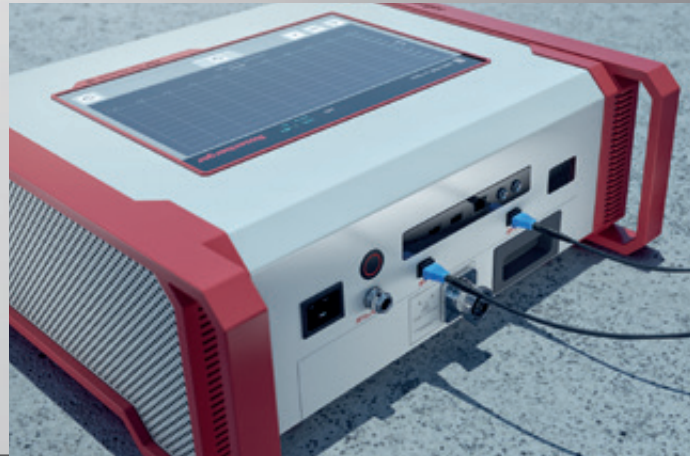
Rosenberger is one of the worldwide leading suppliers of controlled impedance and optical connectivity solutions, system components for mobile communications networks, data centres and test & measurement as well as high voltage contact systems.

The Rosenberger group operates manufacturing and assembly locations in over 10 countries as well as a global sales network.



## Passive Intermodulation (PIM) Test Solutions for All Applications. Made in Germany.

High-speed data transmission in today's global mobile communication networks demands high efficiency of network infrastructure. Passive Intermodulation (PIM) in a network can cause serious interferences and significantly degrade the network quality and impact KPI figures.



## Best-in-Class PIM Test Equipment for Your Application

The cause of Passive Intermodulation is very complex and uncertain. It can be caused by low-grade transmission line components or even loose connectors, dirty surfaces, magnetic materials or the surrounding environments like a rusty roof.

As a global leader of RF connectivity solutions, Rosenberger has a strong expertise in manufacturing of Low-PIM components as well as PIM T&M solutions for all applications:

- R&D / Test Lab
- Production Environments
- Site Testing



# FIRST IN INDUSTRY – ALL-IN-ONE MEASUREMENT

The new PIM Site Analyzer  $\alpha$  allows PIM detection over optical CPRI as well as traditional RF measurements. The plug-and-play modular and broadband design from 700-2700 MHz with exchangeable band filter units ensures highest flexibility and future-proofness for all existing and upcoming bands.

## PIM Site Analyzer $\alpha$

Band-specific PIM equipment belongs to the past. Forget the headaches related to changing network infrastructure or new upcoming mobile bands. There is one future-proof model ready to support all kinds of mobile network infrastructure with a copper or fiber interface.

### Benefits

- Reduced T&M investment cost (for multiband-testing)
- Reduced OPEX for PIM measurement (no tower climbing)
- Increased safety & simplified handling in workplace
- Cancellation function shows potential improvement of PIM values
- Future-proof: For upcoming new bands just add new filter units

### Additional Features

- Continuous wave signal (no pulse)
- Portable with a rugged design
- Sunlight readable 12" touch screen
- Antenna isolation measurement
- DTF measurement (VSWR vs. Dist., PIM vs. Dist.)
- VSWR / Return loss measurement
- Battery and 110 / 220 V AC operation







## Passive Intermodulation Analyzers (PIA) Microsite

Refer to our microsite for further information:  
[www.rosenberger.com/pia](http://www.rosenberger.com/pia)

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Certified by ISO/TS 16949 · DIN EN 9100 · ISO 9001 · ISO 14001

Order No.

pA 295348 · Info582PIAalpha

2000/2015

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