



SRM-3006

## SELECTIVE RADIATION METER FOR SAFETY MEASUREMENTS IN ELECTROMAGNETIC FIELDS

Complete, compact measuring system

- For outdoor use
- Battery operated
- In-situ battery replacement

Measuring antennas from 9 kHz to 6 GHz

- Isotropic measurement
- Standard-compliant evaluation
- Direct display of results

PC software

- Measurement preparation
- Result management
- Customized test reports

SRM:  
WHEN SAFETY COUNTS





## SRM: WHEN SAFETY COUNTS

SRM-3006, the Selective Radiation Meter from Narda Safety Test Solutions, has been specially developed as a frequency-selective measuring system for safety issues in electromagnetic fields. The operating modes are precisely tailored to the applications:

**Spectrum Analysis**  
**Safety Evaluation**  
**UMTS P-CPICH Demodulation**  
**Level Recorder**  
**Scope**



The SRM provides user support through reliable automated features such as range selection or setting a suitable resolution bandwidth (RBW)\*.

Results are displayed in physical units such as V/m, A/m, W/cm<sup>2</sup>, or as logarithmic quantities such as dBμV, or directly as a percentage of the permitted limit value. Most important: The SRM can still convert the results even after the measurement is completed.

SRM – the well thought-out solution to safety measurements in electromagnetic fields. Battery operated, mechanically robust, radiation protected. Get a grip on things with SRM.

\* You can, of course, set all the parameters individually just like any standard spectrum analyzer. Check out the details and specifications at [www.srm3006.com](http://www.srm3006.com)

## MEASURING ANTENNAS: ISOTROPIC, FROM 9 kHz TO 6 GHz

For fast, non-directional measurements:

Three axis (isotropic) E-field antenna  
**420 MHz to 6 GHz**  
Three axis (isotropic) E-field antenna  
**27 MHz to 3 GHz**  
Three axis (isotropic) H-field antenna  
**9 kHz to 250 MHz**



For precision measurements:

Single axis E-field antenna  
**27 MHz to 3 GHz**  
Single axis E-field antenna  
**9 kHz to 300 MHz**



Single axis H-field antenna  
**9 kHz to 300 MHz**



SRM is a complete measuring system: The SRM basic unit detects and takes account of antenna and calibration data automatically, eliminating a common source of errors. A further advantage: all measuring antennas in the SRM family are mutually compatible. Antennas from other manufacturers can also be used with the SRM.

Occupational safety measurements. The combined measuring set and antenna is robust and splash protected, can be taken anywhere and can even be operated with gloved hands. Thanks to its high immunity to electromagnetic radiation, it can also make reliable measurements in the vicinity of strong field sources.



Measuring emission values in public places. The SRM produces test reports immediately on-site, eliminating any transmission errors. The instrument displays the underlying standards, automatically records the date, time and GPS coordinates, and saves written or spoken comments e.g. about events during the measurement or the ambient conditions. The outcome: results you can rely on.



Long-term monitoring in the workplace. Especially convenient: the SRM records instantaneous and average values simultaneously and "remembers" maximum and minimum values. Use pre-set conditions to reduce the data quantity: the SRM can make timer or threshold triggered measurements.



You can link instrument setups to make test routines and upload them to the SRM with the PC software. You can also download the results from the SRM, process, document, and archive them.



© Narda Safety Test Solutions 2009  
® The name and logo are registered trademarks of Narda Safety Test Solutions GmbH and L3 Communications Holdings, Inc. – Trade names are trademarks of their respective owners.  
NIST 1210-E0270A. Technical advances, errors and omissions excluded.

**Narda Safety Test Solutions GmbH**  
Sandwiesenstrasse 7  
72793 Pfullingen, Germany  
Phone: +49 (0) 7121-97 32-777  
Fax: +49 (0) 7121-97 32-790  
E-Mail: [support@narda-sts.de](mailto:support@narda-sts.de)  
[www.narda-sts.de](http://www.narda-sts.de)

**Narda Safety Test Solutions**  
435 Moreland Road  
Hauppauge, NY 11788, USA  
Phone: +1 631 231-1700  
Fax: +1 631 231-1711  
E-Mail: [NardaSTS@L-3COM.com](mailto:NardaSTS@L-3COM.com)  
[www.narda-sts.us](http://www.narda-sts.us)

**Narda Safety Test Solutions Srl**  
Via Leonardo da Vinci, 21/23  
20090 Segrate (Milano), Italy  
Phone: +39 02 269987-1  
Fax: +39 02 269987-00  
E-Mail: [support@narda-sts.it](mailto:support@narda-sts.it)  
[www.narda-sts.it](http://www.narda-sts.it)

