



ONE SET FOR EVERYTHING!

Every application, every frequency with just one instrument set



- NBM-550
- EHP-50F
- EF 0691
- Tripod





Attractive combined package*

You can make measurements in practically all frequency ranges (from 1 Hz to 6 GHz) using the NBM-550 combined with the EHP-50F and EF 0691 probe. Optional probes extend this range up to 60 GHz.

NBM-550

The Narda Broadband Field Meter NBM-550 is one of the NBM-500 range of instruments. It measures non-ionizing radiation to the highest accuracy. With its measuring probes for electric and magnetic field strength, it covers all frequencies ranging from a few Hertz for industrial applications, through to long wave and on up to microwaves. The NBM-550 enables precision measurements for human safety to be made, particularly in the workplace environment where high electric or magnetic field strengths may be expected.

Features:

- Large graphical display
- Intelligent probe interface automatically detects the probe parameters
- Quick change measuring probes – no need to reconfigure the measuring instrument
- Fully automatic zero point adjustment
- Measurement data memory
- PC software for convenient data management

* See price list for details of package contents

YOUR SAFETY IN ELECTROMAGNETIC FIELDS

Electromagnetic fields

Electric, magnetic and electromagnetic fields occur everywhere where voltages are present and current flows. Industrial equipment or medical devices radiate electromagnetic fields just the same as transmitting equipment, such as that used for telecommunications, TV and radio.

This radiation is sometimes an unwanted side-effect, for example in the case of high tension cables, railroad power supplies or the large electric motors used in industry. But it is also the means by which information is transmitted, as in telecommunications applications.

The limit values for human exposure to such radiation are laid down in EMF recommendations as well as in standards and laws. These serve to provide protection, both in the workplace and to the general public.

Narda offers the following set of equipment that enables you to make quick, reliable measurements in every frequency range and for practically any application.

EHP-50F

Field analyzer for frequency fields, selective and wideband measurement in all three axes simultaneously. Isotropic frequency analysis from 1 Hz to 400 kHz with integral electric and magnetic sensors.

- Isotropic measurements with 105 dB dynamic range
- Compact size
- Spectrum analysis with built-in FFT
- Wideband operating mode
- Optical interface for connection to PC or NBM-550
- Self-contained data recording for up to 24 hours
- Long battery operating time, yet light weight and compact
- Conforms to EMF Directive 2013/35/EU
- Weighted peak
- Measures complex signal shapes

NBM-550 with EHP-50F

The EHP-50F FFT analyzer can be simply and conveniently controlled by the Narda Broadband Meter NBM-550 for making low frequency spectral field measurements. The measurement results for the electric or magnetic field are shown on the display of the NBM-550.

Communication between the EHP-50F and NBM-550 is via an optical cable to ensure that the measured field strength is not influenced in any way. The NBM-550 automatically detects an EHP-50F connected to it when it is switched on.

You can find detailed technical information in the data sheets on our website at www.narda-sts.com

SWITCH ON, MEASURE, AND EVALUATE

Everything ready to hand

The rugged hard-shell case and practical carry bag for the tripod are ideal when you are on the move and ensure you are fully equipped for your on-site next measurement task. The devices can be set up and switched on quickly, so you can get down to the measurement task straight away. The NBM-550 is extremely robust, yet light in weight so it can easily be operated with one hand.

EF 0691 Probe,
E-field, for NBM,
100 kHz to 6 GHz



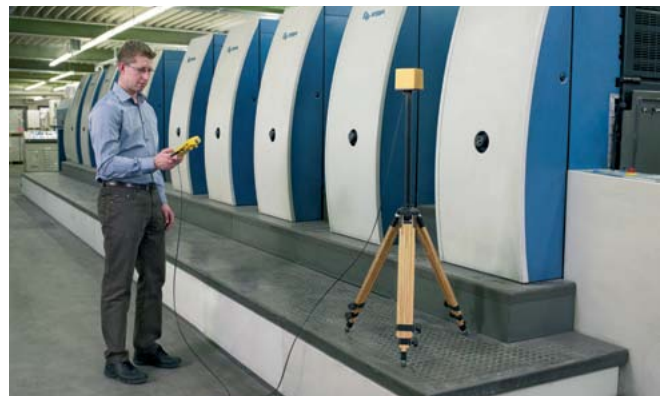
EHP-50F Basic Unit,
1 Hz to 400 kHz



Different measurement tasks but the same equipment. Simple to set up, easy to measure.



A measurement service provider checking the permitted radiation exposure levels of transmitting equipment.



The perfect solution for every application. Occupational safety representative checks the EMF immissions from industrial equipment.

Package contents

NBM-500 Set 13, 1 Hz – 6 GHz

- NBM-550 Basic Unit
- EHP-50F Basic Unit
- Probe EF 0691
- Hard-shell case
- Tripod in shoulder bag

Order number	Description	Special feature
2400/113	NBM-500 Set 13, 1 Hz – 6 GHz with EHP-50F, NBM-550, EF 0691	Includes wooden tripod
2404/103	EHP-50F E&H Field Analyzer Set 1 Hz – 400 kHz, for NBM-550	Add-on option for NBM case set
2404/104	EHP-50F E&H Field Analyzer Set 1 Hz – 400 kHz, Stand-alone/PC use	Includes soft case



Article number: 2400/113

Narda Safety Test Solutions GmbH

Sandwiesenstrasse 7
72793 Pfullingen, Germany
Tel.: +49 7121 97 32 0
Fax: +49 7121 97 32 790
E-Mail: info.narda-de@L-3com.com
www.narda-sts.com

Narda Safety Test Solutions

435 Moreland Road
Hauppauge, NY 11788, USA
Tel.: +1 631 231 1700
Fax: +1 631 231 1711
E-Mail: nardasts@L-3com.com
www.narda-sts.us

Narda Safety Test Solutions Srl

Via Leonardo da Vinci, 21/23
20090 Segrate (Milano), Italy
Tel.: +39 02 269 9871
Fax: +39 02 269 98700
E-Mail: nardait.support@L-3Com.com
www.narda-sts.it

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