

Narda FieldMan® – The safest Argument
in Electromagnetic Fields

- ▶ User-friendly
- ▶ Efficient
- ▶ Innovative



Narda FieldMan® – The Electromagnetic Field Meter

SYSTEM

- ▶ 5" TFT color display with high resolution (HD) of 1280 x 720 px and brightness sensor
 - Large, detailed presentation, even in bright sunlight readable
- ▶ Converter adapter for NBM-500 series analog probes available
 - Continue to use existing probes
- ▶ LR-01 can be used as adapter for analog probes of the PMM 8053 and area monitor 8059 series
 - Continue to use existing probes (only Italy)
- ▶ Optional repeater with optical interface for digital RF probes
 - Remote measurement over longer distances (danger zones). Direct PC connection possible

INTERFACE

- ▶ Wireless Data Interfaces WiFi and Bluetooth (optional)
 - Remote control and data transfer via WLAN
- ▶ Remote control via Smartphone App

OPERATION

- ▶ One-hand operation via raised buttons with noticeable pressure point
 - Pleasant haptic of the keys, also easy to use when working with gloves
- ▶ Built-in microphone and class IP54 speaker
 - Voice recording and playback (for measurement comments), alarms, etc.
- ▶ Built-in text editor
 - Notes can be added to the measurement result on the device
- ▶ Smartphone app for remote control of measurements and photo documentation
 - Allows remote measurement and easy linking with photos from the measurement site
- ▶ Smartphone app can save the device's measurement data to the cloud and output it to printers
 - Efficient workflow management



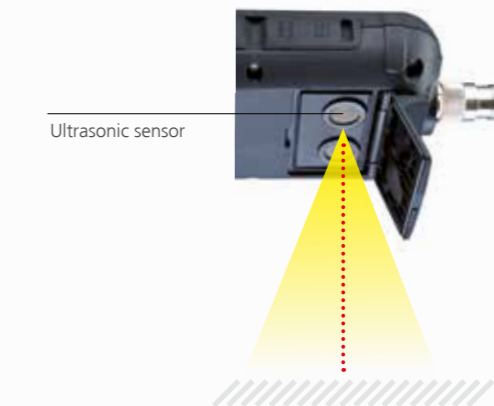
MEASUREMENT

- ▶ Scope mode for the time display of the LF field course of all 3 measuring axes
 - Triggered time signal analysis without external oscilloscope
- ▶ When measuring the frequency spectrum (LF probes), a limit value curve can be displayed
 - Enables a faster assessment of the measurement results already during the measurement
- ▶ Adjustable narrow filter for the digital LF probes (bandpass or bandstop)
 - Helpful function for signal selection or suppression, increasing the dynamics
- ▶ Operating Temperature Range down to -20 °C (-4 °F) for FieldMan and most probes
 - Unique measurement solution on the market to measure accurately even at very low temperatures
- ▶ E + H field measurements in one instrument



WORKFLOW

- ▶ Built-in ultrasonic sensor for distance measurement 0.25 to 4 m
 - Facilitates positioning at the desired measuring height
- ▶ Built-in environmental sensor for measuring temperature and humidity
 - Automatic documentation of environmental conditions during the measurement – to create your measurement report
- ▶ Large number of setups, up to 99 per probe type (RF / LF / HP-01 / EHP-50F/G)
 - Recurring measurements can be carried out more quickly. Setups can be clearly assigned



PROBES

- ▶ Unique digital probes for LF and RF
 - No calibration of basic unit! Reduced cost of ownership. Direct PC connection possible.
- ▶ Accredited probe calibration included with RF probes (work in progress for LF probes)
 - No additional costs for accredited calibration
- ▶ Integrated automatic probe test for digital RF and LF probes
 - Higher reliability and easier handling because manual tests can be omitted
- ▶ New unique probe interface with USB Type C connector
 - Robust, less susceptible connectors. Direct PC connection of LF probes possible
- ▶ Automatic correction of the typical temperature response of digital RF probes
 - Lower temperature influence, extended temperature range of the probes (-10 / -20 °C instead of 0 °C)
- ▶ Automatic, temperature-controlled offset correction for digital RF probes
 - Higher measurement sensitivity and gapless measurement without zero adjustment



reddot winner 2023

The Red Dot is the award for high design quality. The international jury only awards the coveted seal of quality to products that exhibit outstanding design.



Probe connector ●

● Brightness sensor

● Status LED

● Microphone, Humidity sensor

● 5" color display (HD 1280 x 720 pixels)

● Isotropic measurement

● Individual axis measurements

● Statistical measurements Min / Max / Average

● Measured value graph: Time response, spectrum, or bar graph



On / Off

● Back button

● Pleasant feel and comfortable operation thanks to raised keys with a distinct click point. The long operating time of up to 16 hours when using broadband probes is outstanding. The powerful Lithium-ion battery supplied with the device is exchangeable.

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Safety Test Solutions



● Loudspeaker

● Status bar

● Probe information

● Measured value information



● Interface slot
- USB-C
- RP-02 (optical)
- μ SD (memory card)
- Ethernet

● Function key icons

● Function keys

● Save button

● Navigator button

Shown actual size



Leaders in EMF Measurement

Global leaders in technology – practical on-site applications

Narda Safety Test Solutions leads the field worldwide in the development and production of measuring devices for electric, magnetic, and electromagnetic fields. Our expertise comes from many years of experience in high frequency and microwave technology – and from more than 95% of all the published patents for the measurement of these fields. The result is a range of high-quality, application-tailored measurement technology solutions that are permanently assured by our management system which covers all areas and meets the requirements of the ISO 9001 and ISO/IEC 17025 standards.

narda 
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