

One test system fits all: Analysis of electromagnetic fields from 5 Hz to 60 GHz

Pfullingen, March 23, 2011 – Narda Safety Test Solutions GmbH presents the EHP-50D isotropic field analyzer, an improved version of the measuring probe for low frequency electromagnetic fields from 5 Hz to 100 kHz, which expands the measuring range of their portable, wideband NBM-550 measuring set from 5 Hz to 60 GHz.

The EHP-50D probe was specially developed for assessing industrial workplaces in accordance with current international standards, and for measurements on industrial equipment. Simultaneous measurement of all three axes coupled with a dynamic range of up to 150 dB ensures that signals can be captured quickly, reliably and over a wide range. The built-in spectrum analysis feature means that measurements targeting individual events can be made while neighboring frequencies are effectively blanked out. The optical interface enables measurements to be made remote from the NBM-550 in locations that are difficult to access or are highly exposed. Equipped with a data logger and Lithium-ion battery, the EHP-50D can also operate for up to 24 hours in stand-alone mode and the results read out to a PC on completion of the measurement.

Combined with the NBM-550 field measuring set, which is used to control the EHP-50D and display the results, there are three operating modes available for different measurement tasks: wideband measurement across a frequency range, measurement of only the highest level in a frequency band, and spectrum measurement using a marker function. The EHP-50D is an ideal extension of the measuring range of the NBM-550 to allow measurements covering the entire frequency band from 5 Hz to 60 GHz when the appropriate probes are used. The range of applications for the NBM-550 thus now extends from the analysis of low frequency fields in occupational situations up to high frequency measurements on rooftop mobile phone antennas.

This text along with a press photo is also available from
www.narda-sts.de > Press

Narda Safety Test Solutions is a global leader in the development and production of measuring equipment for safety in electric, magnetic, and electromagnetic fields (EMF). Narda is a highly innovative company, owning around 95% of all the published patents for measuring such fields. The product portfolio includes broadband and frequency-selective measuring devices, monitors for complete wide area coverage, or that can be worn on the body for personal safety. Under the PMM brand, they offer instruments for assessing the electromagnetic compatibility (EMC) of devices. The range of services includes servicing, calibrating, and training programs.

Narda Safety Test Solutions has development and production facilities at three locations: Hauppauge, Long Island / USA, Pfullingen / Germany and Cisano / Italy. Closeness to customers is guaranteed by a worldwide network of representatives.

Narda Safety Test Solutions is part of **L-3 Communications**, New York.

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