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Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can all us for FREE!

TMG Corporate Website **TMG Products Website**

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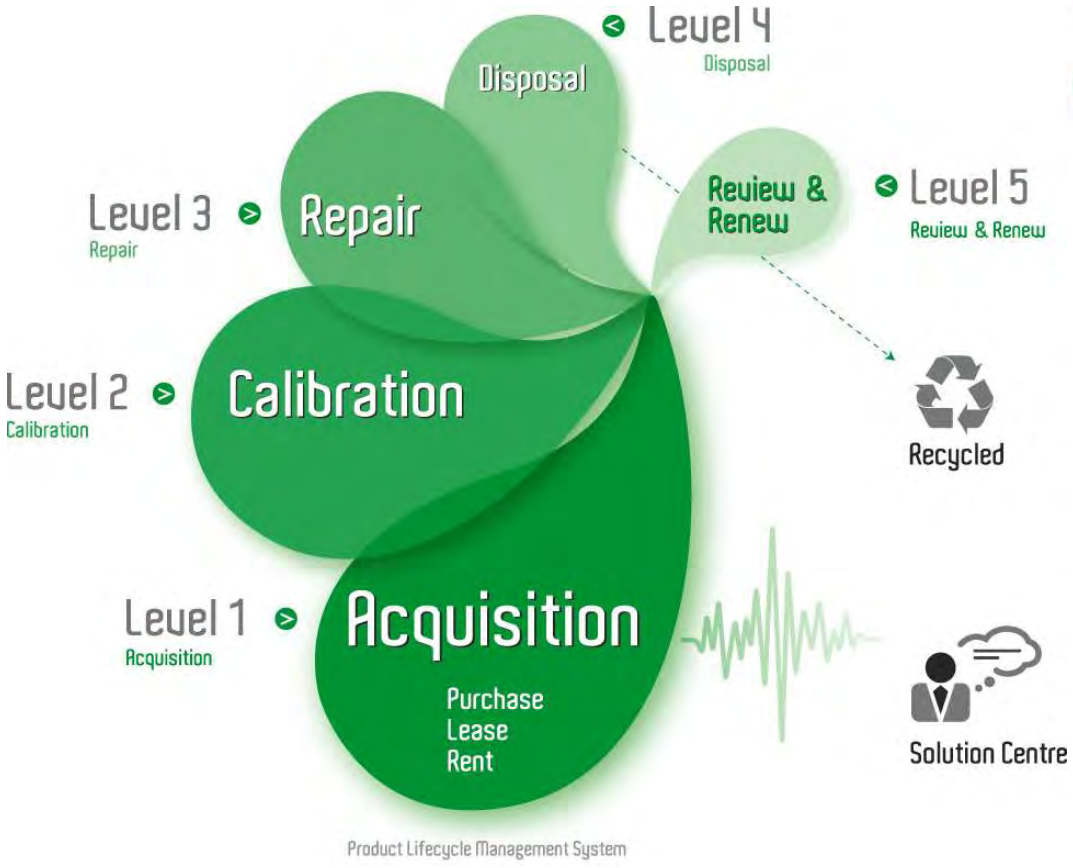
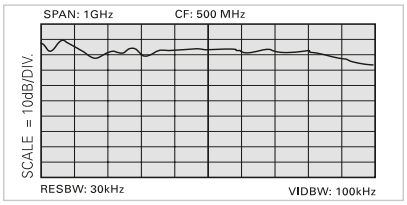


HAMEG Instruments
A Rohde&Schwarz Company

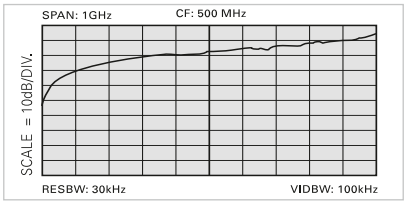
HZ530 EMV Near-Field Probe Set up to 1GHz

HZ530

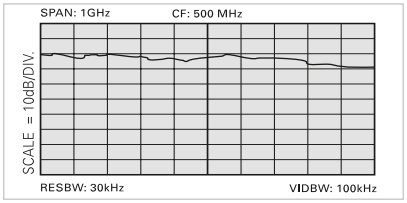
Typical frequency response E-field probe



Typical frequency response H-field probe



Typical frequency response high-impedance probe



Technical specifications at 23°C ±2°C

Frequency Range:	100kHz...1GHz
Supply Voltage:	$6V_{dc}$ from Spectrum Analyzer or batteries, 4x Mignon/AA, not included
Supply Current:	approx. 10...24mA DC
Probe Dimensions:	40 x 90 x 195mm (W x H x D)
Cases:	plastic, internal electrical shielding
Set includes:	1 E-field probe 1 H-field probe 1 high-impedance probe 1 BNC cable 1.5m 1 power cable Operator's Manual Robust carrying case

The HZ530 Probe Set consists of three active broadband probes for EMI diagnosis. The probes are designed for connection to a HAMEG spectrum analyzer with input impedance of 50Ω. The probes can be powered by the spectrum analyzer or batteries. The slim format ensures easy access to the test object even in cramped test environments.

The H-field probe provides a signal that is proportional to the magnetic field strength to the spectrum analyzer. This makes it possible to localize sources of interference with relatively high precision.

The high-impedance probe can be used to determine interference levels on contacts, lines and printed circuit boards.

The E-field probe is the most sensitive of the three probes. It can be used to assess the total effect of shielding and filtering in a tested unit.

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