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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.

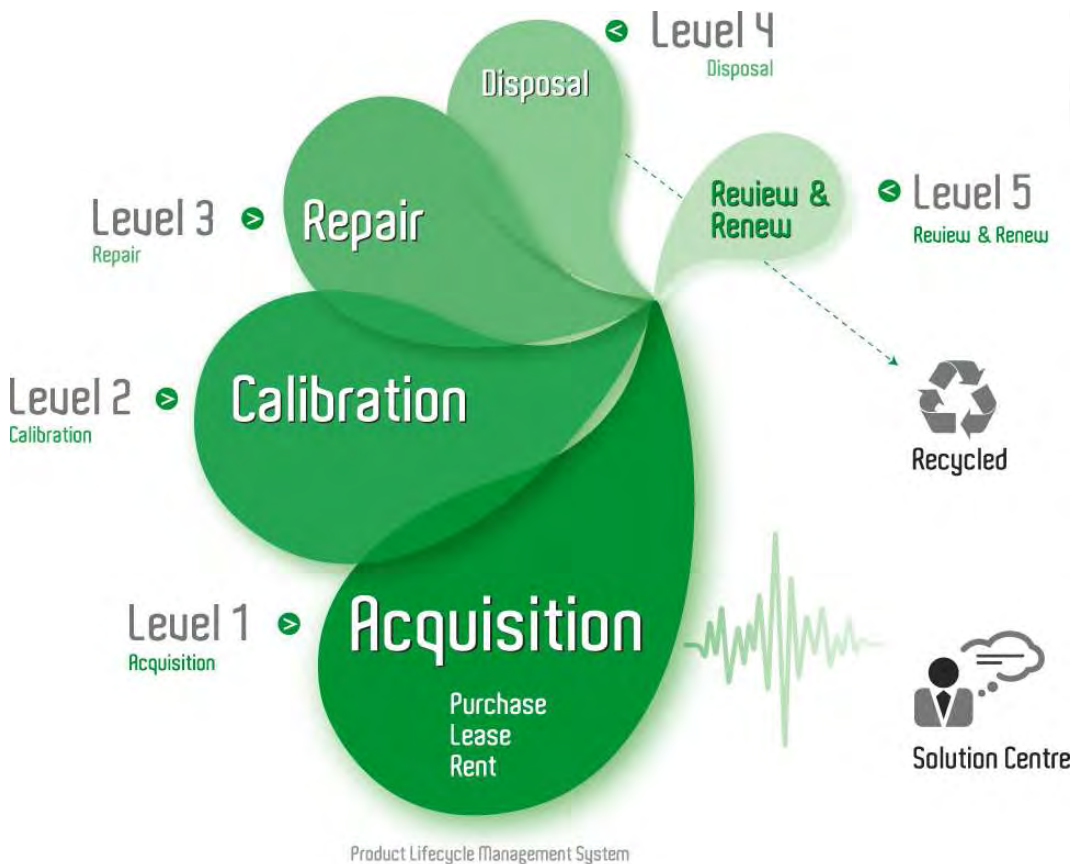
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TMG Corporate Website

TMG Products Website



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Product Lifecycle Management System

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Specifications

Measuring Medium RF Transmission in 50 ohm lines

RF Power Range 1 100 mW to 10 kW full scale using Bird Plug-in Elements. Accuracy not guaranteed with components not supplied by Bird

Usable Over-Range To 120% of scale on CW, PEP, SWR and Return loss functions. To 400% of scale (PEP) on dBm and 0% modulation.

Frequency Range 1 450 kHz to 2.3 GHz

Sampling Range 2-3 readings per second

Settling Time 10 seconds (worst case) 3

Accuracy

Power Readings $\pm 5\%$ of full scale

SWR $\pm 10\%$ of reading

% Modulation $\pm 5\%$ 2

Return Loss ± 0.3 dB to corresponding SWR value

Impedance 50 ohms

Insertion SWR 1.05 max to 1000 MHz

Pulse Parameters (square pulses)

Pulse Width 0.8 _ sec min. 4

Repetition Rate 25 pps min.

Duty Cycle 0.01% min.

RF Line Connections

Standard Bird Quick Change "QC" Female N

Optional Any Standard AN "QC" type

Temperature Range

Operating 10 C to 45 C (50 F to 113 F)

Storage -20 C to 45 C (-4 F to 113 F)

Input Power Requirements

Voltage 100-130 or 200-230 Vac (Switch Selectable) or 7.5 Vdc (internal battery)

Frequency 50-60 Hz

Power 6 Watts

Batteries 6-1.25 V Nicad C size

Battery Life (Rechargeable) 8 hours approx.

Weight 5-3/4 lb (2.6 kg)