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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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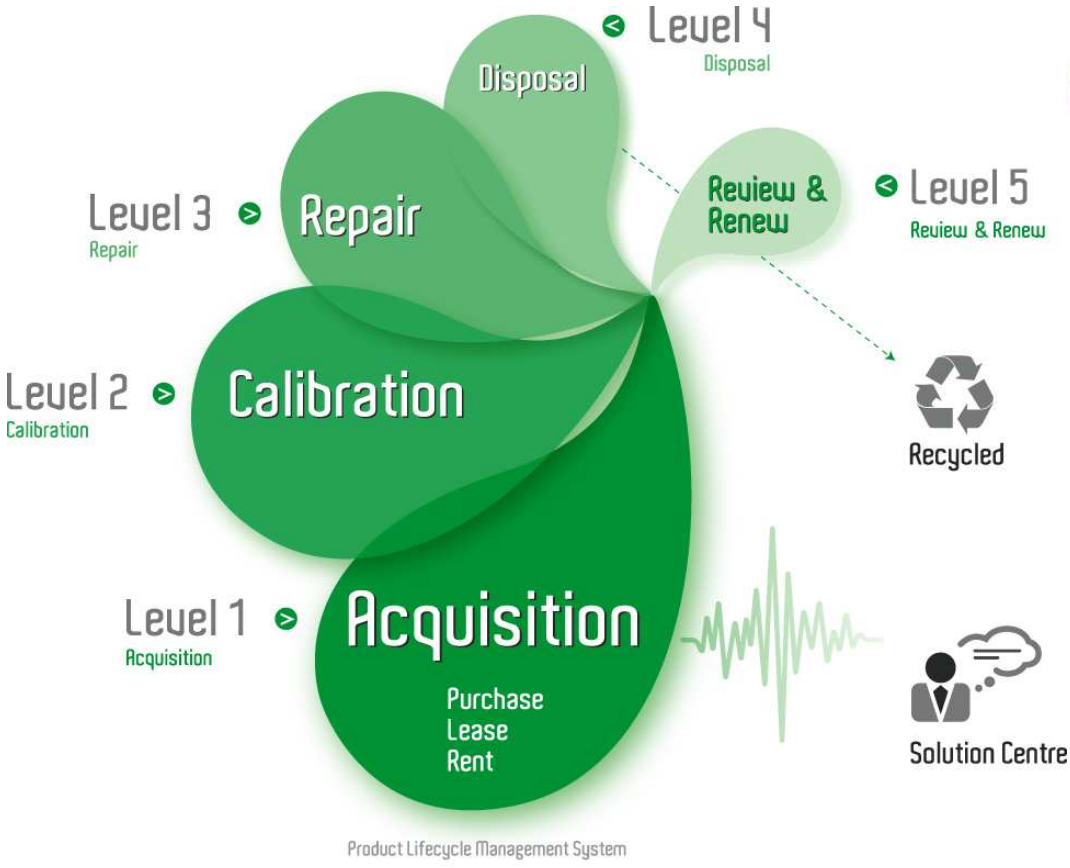
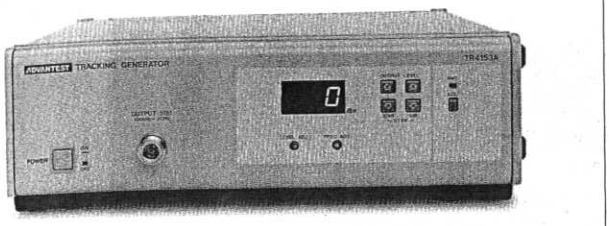


Accessories (Sold Separately)



TR4153A
Tracking Generator

When used with the R4131 Series Spectrum Analyzers, TR4153A Tracking Generator lets you measure frequency characteristics up to 2000 MHz. Because it can generate signals that precisely comply with the sweep frequencies of spectrum analyzers, you can measure a wide dynamic range of the frequency characteristics of filters and amplifiers.

When used with the R4131 series Spectrum Analyzers, the TR4153A Tracking Generator ensures more precise measurement because its normalize function eliminates errors due to cables and other devices used in the measuring system.

In addition, because the TR4153A incorporates a 10 dB-step attenuator, it is ideally suited for amplifier measurements for which the input level of the measured object (DUT) must be attenuated.

Specifications

Frequency range: 100 kHz to 2 GHz
Output impedance: Approx. 50 Ω
Output VSWR: 1.5 max. (at –10 dBm output)
Output level flatness: ± 1 dB max. (with respect to 200 MHz output, over an output level range of 0 to –59 dBm and frequency range of 100 kHz to 2 GHz)
Output level variable range: 0 to –59 dBm in 1 dB steps (continuous adjustment over the range 0 to 1.5 dB or greater using the level adjustment)
Output level switching accuracy: ± 0.2 dB/1 dB (0 to –9 dB)± 1.0 dB/10 dB (0 to –50 dB)
Spurious output components: Harmonics ≤ 20 dBc, non-harmonics ≤ 30 dBc (at 0 dBm output)
Tracking generator leakage: –110 dBm
GPIB:
Standard functions enables remote control and data output
General Specifications
Operating environment:
Temperature 0 to 40°C, Humidity 85% max. RH
Power requirements: 90 to 132 V, 198 to 250 V
Power consumption: 50 VA max.
Dimensions: Approx. 300(W) × 90(H) × 440(D) mm
Mass: 10 kg max.
Standard Accessories

Name	Model	Product code	Remarks
Power cable	A01402		
Output cable	MI-04		UG-21D/U N-N connector
Connecting cable	A01002		SMA-SMA connectors, 2 cables
Connecting cable	MI-02		UG-88/U, BNC-BNC connector