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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.

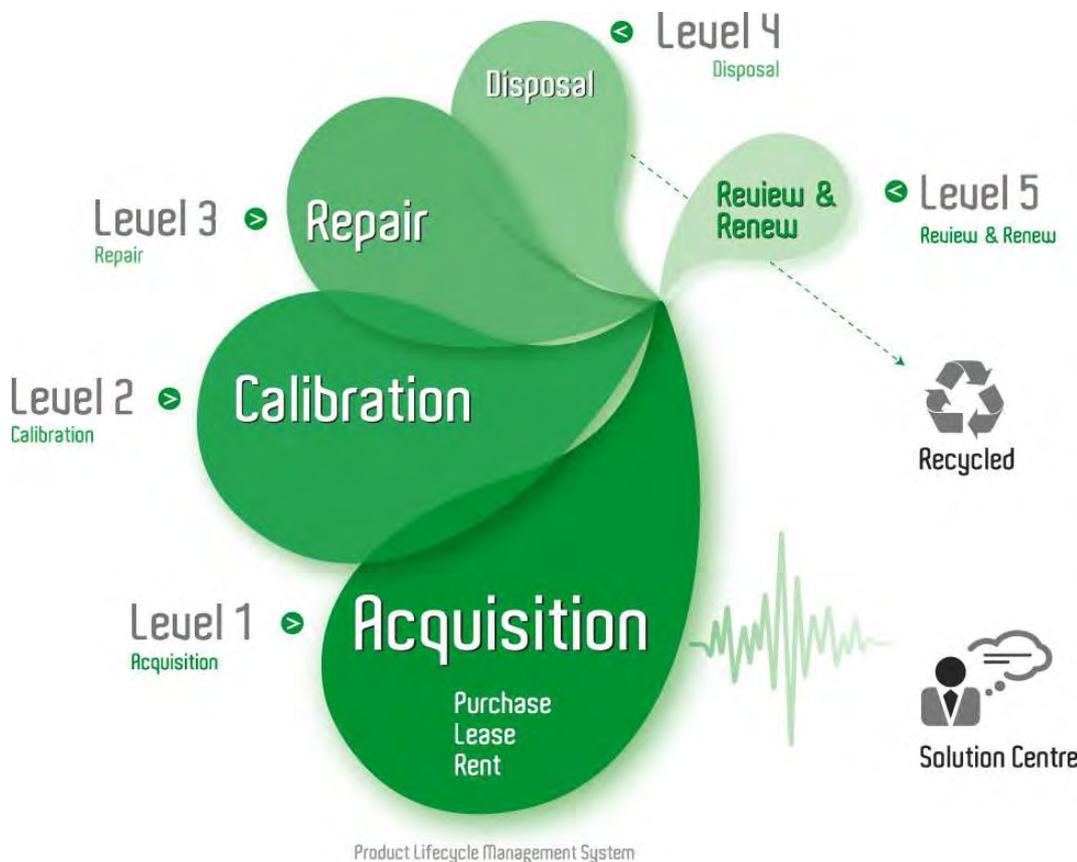
If you click on the "Click-to-Call" logo below, you can call us for FREE!

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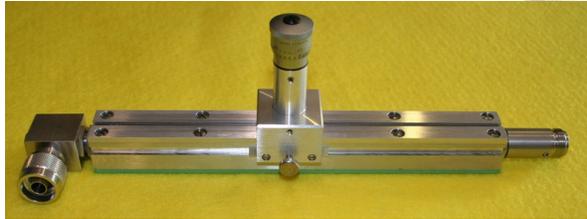
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0.75 – 1.24 GHz

300 WATTS



## *Features*

Optimizes transmitter performance. This Slide-Screw Tuner is capable of adjusting a source or load VSWR of 2:1 to reduce reflected power to 1% maximum of incident. Designed to meet MIL-A-3933 environmental specifications. Unit may be mounted in a horizontal or vertical position. Convection cooled, full power rating without forced air cooling.

## *Specifications*

**Nominal Impedance:** 50 ohms

**Frequency Range:** 0.75 - 1.24GHz

**Nominal Insertion Loss:** <0.2 dB

**Tuning:** <1 %

**Power Rating:** 300 watts average, 300 Volt peak voltages over the operating temperature range. 3 kW peak.

**Temperature Range:**

-55°C to +125°C storage  
0°C to +90°C operating

**Operation:** Patented Manual locking Micrometer adjustment mechanism.

**Construction:** Clear iridite aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper female contacts, stainless steel male contacts.

**Connectors:** Type N stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012.

**Weight:** 0.51 kg/ 1.13 lb.

**Physical Dimensions:**

**Length:** 280 (11.0) max  
**Width:** 50.8 (2.0) max  
**Height:** 83.8 (3.3) max

Note: Dimensions are given in mm (inches) unless otherwise specified.

Note: Design protected by patent.



## WEINSCHEL ASSOCIATES

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without notice