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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.

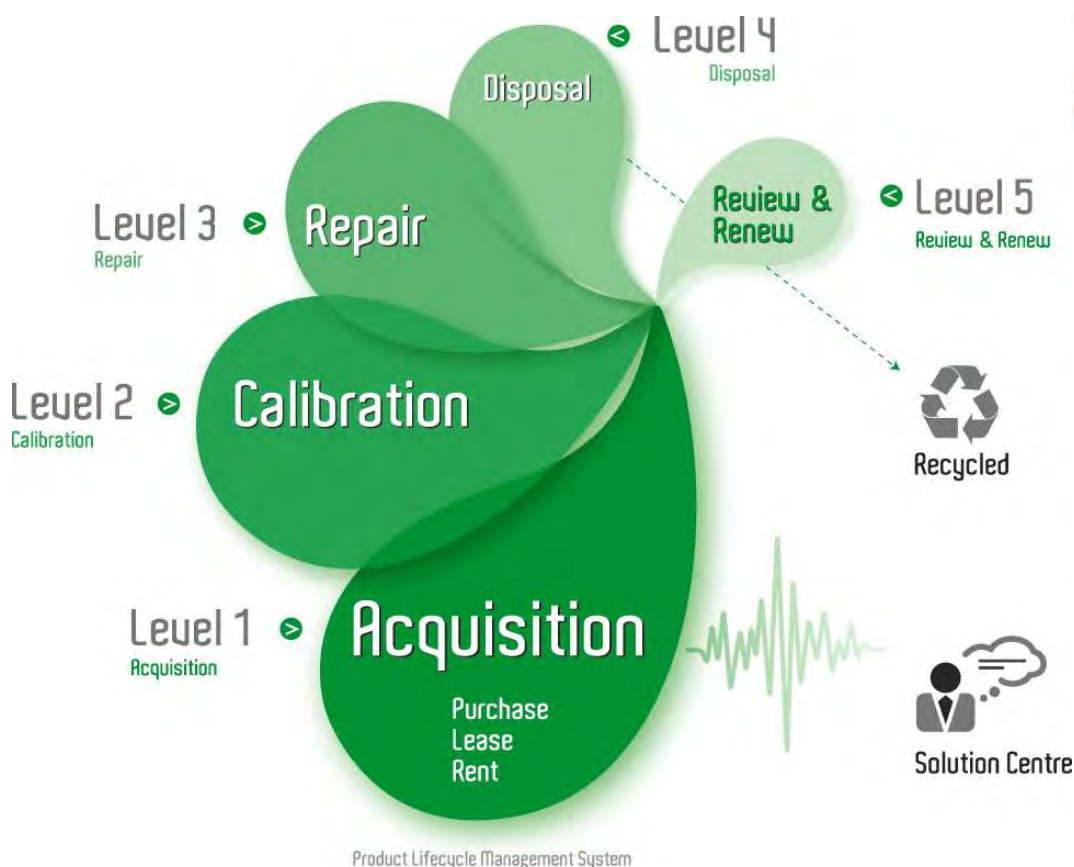
TMG will assist if you are unsure whether this model will suit your requirements.

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

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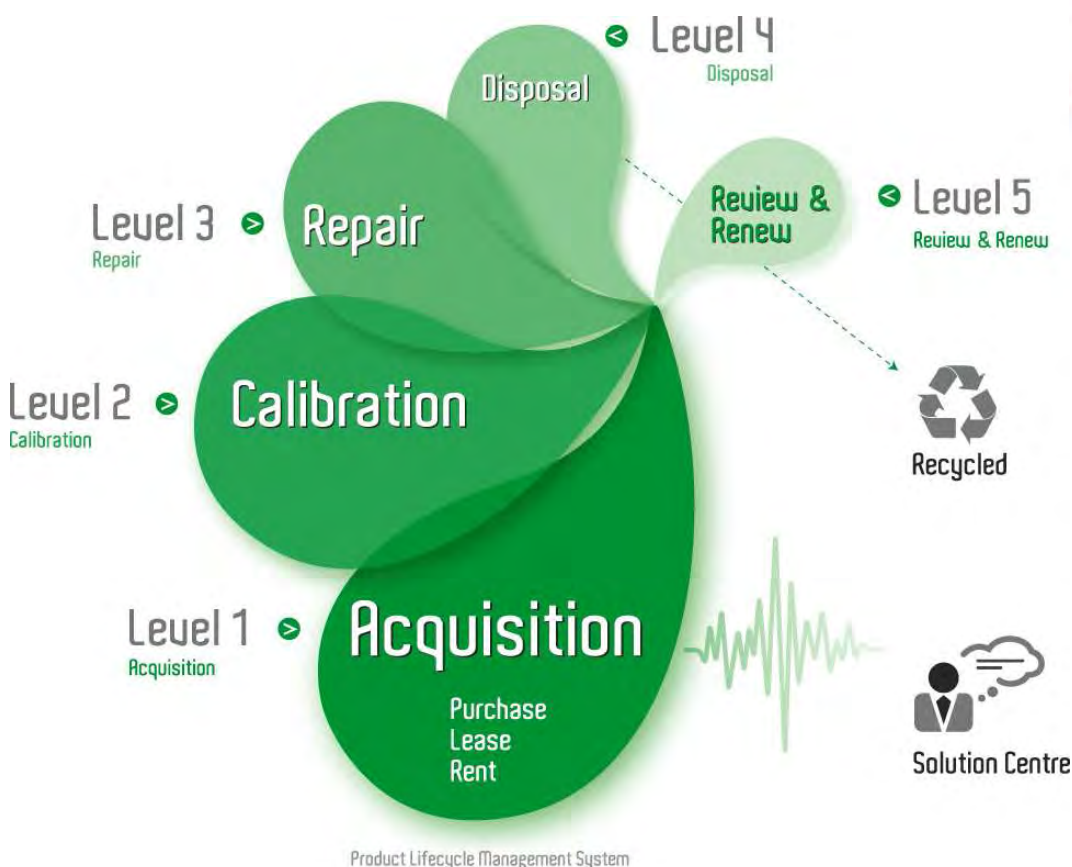
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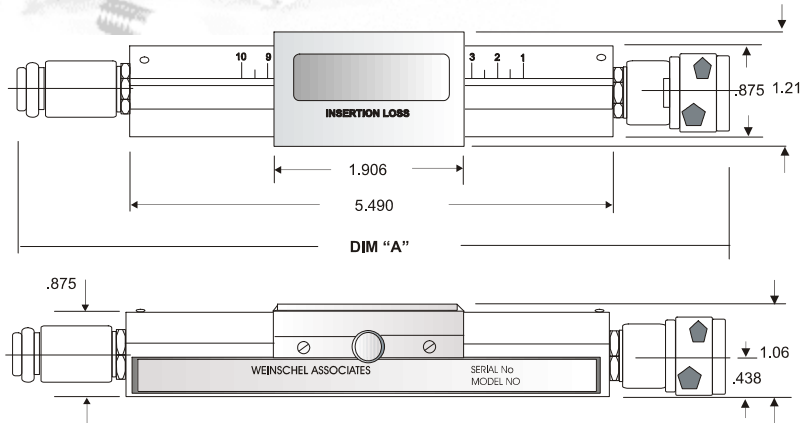
# Continuously Variable Attenuator

**Model 953**  
**Model 953B**  
**Model 973**  
**1 WATT**

**DC – 18.0 GHz**



**953B shown on top**



## Specifications

**Nominal Impedance:** 50 ohms

**Connectors:** 953 (N, SMA), 953B (N, SMA), 973 (N, SMA) Type N/SMA Stainless Steel, M/F per MIL-STD-348A Interface dimensions mate non-destructively with MIL-PRF-39012 connectors.

**Frequency Range:**

FREQUENCY GHz				
Model	3dB	10dB	20dB	40dB
953	1 – 11	2.5 – 11	4 – 11	--
953B	1 – 18	2.5 – 11	4 – 18	--
973	--	1.3 – 11	2.5 – 11	4 – 11
VSWR GHz				
Model	3dB	10dB	20dB	40dB
953	1.5	1.5	1.5	-
953B	1.6 to 2 1.5 to 18	1.6 to 4 1.5 to 18	1.6 to 6 1.5 to 18	- -
973	- -	1.5 to 11 -	1.6 to 4 1.5 to 11	1.7 to 6 1.5 to 11

**Zero Loss** typically 0.5 to 1.0 dB

**Frequency Correction Data Provided.**

**Temperature:** Full power from 0° C to +25° C; de-rated linearly to 10% at +85° C. 0° C to +85 °

**Physical Dimensions:**

Model	DIM "A"	Weight kg / lb
953/953B	213 (8.4)	0.4 / 0.8
973	359 (14.1)	0.6 / 1.3

**Scale divisions in ½ dB increments.**

Model	Power
953	1W CW / 1Kw peak
953B	1W CW / 1Kw peak
973	1W CW / 1Kw peak

**Note:** Dimensions are given in mm (inched) and are maximum, unless otherwise specified.



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Specification  
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