



Perform Calibration Certification on Your Own Eddy Current Instrument without Costly Shipments and Down Time !



VM Products, Inc. now provides a new, easy to use, "Gain Test Box" to measure and verify your eddy current instrument's calibration. Using the VMGTB-100 Gain Test Box, in conjunction with a standard oscilloscope and frequency counter, you can **CERTIFY** that your Eddy Current instrument meets the requirements of Boeing Specification BSS 7048. Eliminate the need and expense of sending the instrument to the manufacturer every year for calibration certification. Approved test procedures for each specific instrument are included with the system.

VMGTB-100 Test System will Verify:

- Internal Oscillator Frequency
- Internal Oscillator Amplitude
- Receiver Amplification Gain
- Receiver Linearity
- Receiver Stability
- Alarms

Required Equipment:

- VMGTB-100 Gain Test Box
- Oscilloscope and Frequency Counter with current NIST Certification. The FLUKE 123 is recommended and provides both features in a single instrument
- Fischer Triaxial Adapter for specific instrument
- Certification Procedure

VM Products, Inc.

*Specialists in Eddy Current Probes,
Reference Standards, Applications,
Research & Development*



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VMGTB-100 Test System Required Equipment List

The following equipment is required to perform the Calibration Certification:

- VMGTB-100 Gain Test Box (includes one VM99BB-2 BNC/BNC cable)
- *Oscilloscope, minimum 20 MHz and 10mV sensitivity
- *Frequency Counter capable of measuring frequencies from 100Hz to 2MHz
- Fischer Triaxial cable for specific eddy current instrument (listed below)

*Fluke 123 SCOPEMETER is the recommended instrument. It provides both the oscilloscope and frequency counter in one instrument.

Electronics

INSTRUMENT MANUFACTURER AND MODEL
VM Products, Inc.
VMGTB-100 GAIN TEST BOX (INCLUDES 1, VM99BB-2, 2 FOOT LONG BNC/BNC CABLE)
FLUKE
123 SCOPEMETER

Cables

INSTRUMENT MANUFACTURER AND MODEL	CONNECTOR	VM PART NUMBER
OPTIONAL REPLACEMENT	BNC to BNC Cable	VM99BB-2
NORTEC		
19e and 19e ^{II}	8-Pin Burndy to Fischer Triaxial	VM99BDY-102F
24	8-Pin Burndy to Fischer Triaxial	VM99BDY-102F
1000S	Lemo 14-Pin to Fischer Triaxial	VM99L14-102F
2000S & 2000D	Lemo 16-Pin to Fischer Triaxial	VM99L16-102F
ZETEC		
MIZ-20 & MIZ-22	4-Pin Amphenol to Fischer Triaxial	VM99MS-102F
MIZ-21, 21A, 21B & 21SR	4-Pin Fischer to Fischer Triaxial	VM99Z21-102F
HOCKING		
2200	Lemo 12-Pin to Fischer Triaxial	VM99L12-102F
Phasec 2D	Lemo 12-Pin to Fischer Triaxial	VM99L12-102F
Phasec 2S	Lemo 12-Pin to Fischer Triaxial	VM99L12-102F
Locator 2S	Lemo 7-Pin to Fischer Triaxial	VM99L7-102F