

AutoMeg

The Widest Testing Range



The **AutoMeg Test System** is the latest concept in straight-forward, no-nonsense automatic Continuity and Insulation testing. It is a cost effective, easy to use system, which carries out testing in a far more rigorous way than traditional methods.

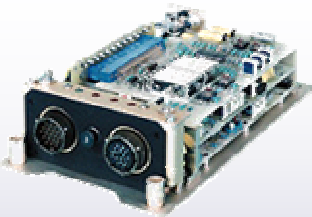
The **AutoMeg** range is vast, encompassing test voltages from 10v, 500v, 1500v, 2500v up to 25,000v with test points varying from 32 to more than 260,000.

Simple to use: The **AutoMeg** software operating environment is simple and straight-forward. Continuity connections are tested in a methodical and structured fashion. Data is automatically transferred to the high voltage insulation tests. Engineering data can be imported directly into the tester, removing the need for test programmers. Operators interact with graphical and photographic prompts.

Typical Applications

Aircraft Wiring Looms
 Spacecraft Wiring
 Tank Wire Harnesses
 Missile/Weapon Systems
 Helicopter assemblies
 Motorsport, F1 cars
 Connector testing
 Medical Devices

Backplanes
 Flexi-circuits
 Complex harnesses
 Oil exploration
 Mining
 IC Testing
 Trains
 Many Others



THE **AutoMeg** RANGE

The **AutoMeg** Test System is used in more than 750 high specification Aerospace, Defence and Industrial applications throughout the UK and Europe.

The **AutoMeg** Test System is a computer controlled 4 terminal (Kelvin) Continuity Resistance Tester with the capability for both high speed Low Voltage and High Voltage Insulation Testing.

The **AutoMeg** range includes low cost 2 terminal Low Voltage only testers and an automatic High Voltage test capability up to 5000 volts.

The backbone of the whole **AutoMeg** range is the PC based software control. The **AutoMeg** has set new standards with its simple to use, yet powerful, menu driven Windows software.

SYSTEM TYPE	MEASUREMENT TYPE	MAX. TEST VOLTAGE	TEST POINT RANGE	
			MIN	MAX
AutoMeg 2-10	2 wire	10 volts	128	262,144
AutoMeg 2-500	2 wire	500 volts	64	262,144
AutoMeg D-1500	Dual 2/4 wire	1500 volts	64	262,144
AutoMeg 4-1500	4 wire	1500 volts	32	262,144
AutoMeg 2500	2 or 4 wire	2500 volts	32	65,536
AutoMeg 4-5000	2 or 4 wire	5000 volts	16	32,768

This is a small sample of our standard range, for our wider range detail and custom requirement please contact the sales office.

APPLICATIONS

AutoMeg 2-10 is used where the requirement for testing many interconnections or low voltage only. E.g.: ICs, Automotive, Bareboard pcbs, Telecommunications, Backplanes etc.

AutoMeg 2-500 is used in applications such as Automotive, Medical and Industrial, areas where an insulation test of a maximum of 500 volts is specified.

AutoMeg D-1500(dual) can be used equally for high specification Aerospace and Defence applications or where high test point counts are needed. The software allows the system to be operated in 2 wire or 4 wire mode.

AutoMeg 4-1500 is used for high specification Aerospace and Defence applications where highly accurate Continuity measurements are required to test the quality of interconnections combined with high voltage Insulation and Hi-pot tests.

AutoMeg 2500 has applications within the Railway, Mass transit and Aerospace industries, particularly Aerospace fuel systems where the requirement for a 2500 volts Insulation or 1500vAC Hi-pot test is specified.

AutoMeg 5000 is used to automatically test high volume consumer products, transformers and other unusual applications where test specifications demand very high voltage Insulation or Hi-pot tests.

AutoMeg-Custom can be supplied in custom formats for very high voltages, even up to 125,000volts.



Test Systems Limited

MK Test Systems Limited
Orchard Court, West Buckland
Taunton, Somerset TA21 9LE

Telephone +44 (0) 1823 661100
Facsimile +44 (0) 1823 661160
Email sales@mktest.com
Web www.mktest.com