



ACCURATE, FAST HARNESS TESTING ENABLES ITEL TO KEEP PACE WITH PRODUCTION REQUIREMENTS

Istel Electronics have been designing and manufacturing high performance cable harnesses since 1991. Their customers are primarily in the aerospace, space and defence sectors where reliable quality is crucial.

THE INEFFICIENCY OF MANUAL TESTING

Keeping pace with the required production output whilst also maintaining high levels of accuracy during electrical testing of wire harnesses was always a challenge for Istel Electronics.

When wire harnesses have a large number of wire lines and/or are of a significant length, manual test equipment is less accurate, time consuming, and prone to human error. This ultimately leads to a less competitive and potentially inferior solution.

CUSTOMER:	Istel Electronics Limited
APPLICATION:	Wire harness testing for the aerospace and defence sectors
REGION:	EMEA
SOLUTION:	Automeg F1500 - four wire harness test system
OUTCOME:	Increased production output; reduced testing time; higher accuracy
BENEFITS:	Faster all-in-one testing, with quicker error recognition



*Istel
Electronics*



**HIGHER
ACCURACY**



**FASTER
TESTING**



"Using MK test equipment has greatly improved our efficiency & accuracy when testing. Their continual support has always been invaluable to our organization."

Sam Baker, Sales Manager, Itel Electronics

INCREASED OUTPUT WITH GREATER ACCURACY

MK's solution to this issue was the F1500 Automeg – an automatic harness tester designed for high voltage applications. The F1500 has provided Itel with an increased production output with the benefit of greater accuracy.

Itel use the F1500 to carry out continuity, HiPot and DC IR tests.

QUALITY ASSURANCE FOR ITEL'S CUSTOMERS

Many of Itel's customer projects support life-critical applications. It's therefore essential that they are able to validate the quality of their products.

A major benefit for Itel is the reporting feature within the test management software, which enables Itel to provide QA reports accurately, quickly and with complete confidence.

"MK are the industry standard for automated test equipment.

Without MK's systems wire harness manufacturers would find it extremely difficult to keep pace with competitors and risk supplying non-conforming assemblies"

Sam Baker, Sales Manager, Itel Electronics

ABOUT US

MK Test Systems have been a leading manufacturer and supplier of automatic harness testing systems since 1991. Many of the world's leading aerospace, defence, and rail companies rely on our systems to test their products.

We have successfully designed, delivered and implemented over 3000 electrical test systems into 34 countries and have built an enviable reputation for excellence in Automatic Test Equipment (ATE) solutions and the way in which we support our customers.

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