

LETIS LAPLACE EMC INTEGRATION SYSTEM

LETIS

Fully integrate and automate test cell operations.

- ▼ Avoid tedious cable changeovers. Tests are quicker and more productive.
- ▼ Ensure correct operation. Avoid mistakes!
- ▼ Manual and automatic control. USB interface and command set included.
- ▼ Transparent operation when used with Laplace Synthesiser software.



RF Immunity testing above 1GHz normally requires a change of power amplifier at 1GHz. The LETIS system automates this changeover and also provides a connection for a receiver/spectrum analyser so that the system can be switched to emissions measurement mode without changing connectors.

The LETIS provides for the switching of the signal to the power amplifiers in addition to the RF output from the amplifiers. Unused signals are terminated to 50ohm, ensuring that 'off-line' power amplifiers are properly shut down.

The LETIS can either be driven from the front panel or via a USB interface. When using the Laplace synthesiser, LETIS operation is entirely automatic

CONVENIENCE The LETIS avoids tedious and time consuming cable changes. This means quicker testing and less wear and tear on connectors, providing more reliability and consistency of performance.

AUTOMATIC OPERATION The Laplace range of EMC analysers all include automatic detection and control of the LETIS for transparent operation

Specification

Frequency range	30MHz - 6GHz
RF Input/output imp	50 ohm
RF Input/output connectors	N type
RF power rating	60W
RF Signal connectors	BNC
Interlock signals	4 way DIN (metal/screened)
Connectivity:	
Cell/antenna to:	PA1, PA2, Receiver/analyser
Synthesiser RF to:	PA1, PA2
Synthesiser interlock to:	PA1, PA2
Insertion loss (RF)	1dB max
Control	Auto: USB
	Man mode: Paddle switch
Indication	LED indicators .
Power	110/230V 50/60Hz IEC input
Size (W x H x D)	31 x 11 x 26
Weight	3.5kg

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