# LETIS LAPLACE EMC TEST INTEGRATION SYSTEM

**Fully integrate and automate test cell/chamber 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. 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.
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 impedance** | | 50 ohm |
| **RF Input/output connectors** | | N type |
| **RF power rating** | | 60W |
| **RF Signal connectors** | | BNC/N |
| **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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