

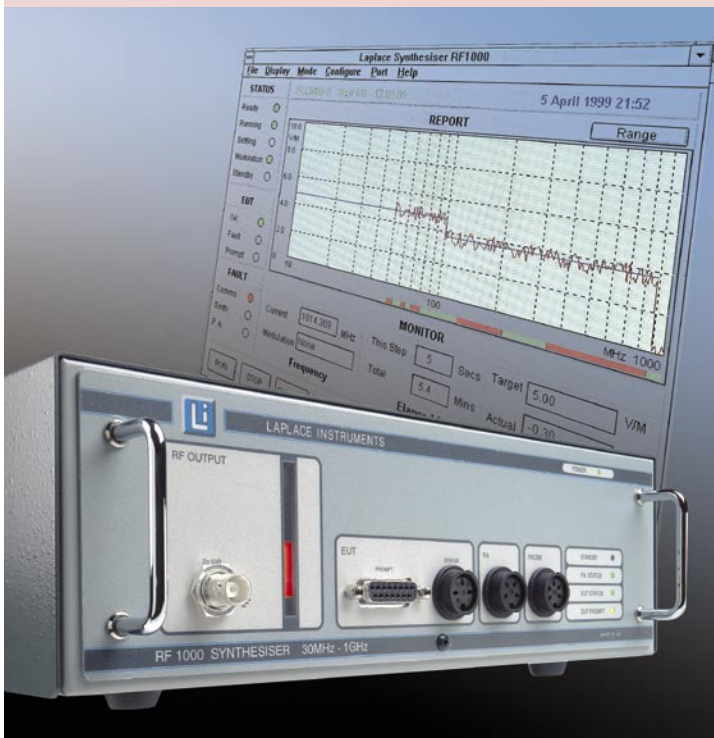
# RF SYNTHESISER FOR IMMUNITY TEST

RF1000  
RF2000

## Matched to the requirements of IEC61000-4-3

A PC controlled signal source fully meeting all requirements for IEC61000-4-3 and featuring automatic scanning to pre-programmed schedules.

- ▼ Simple to use via PC 'Windows' software
- ▼ Easy USB interface
- ▼ Field probe input for automatic level control
- ▼ Suitable for use with any Power Amplifier and antenna / cell / chamber combination
- ▼ Standard IEC61000-4-3 tests pre-programmed



The RF1000 and RF2000 immunity test controllers which include a signal source matched to the RFI immunity requirements of IEC61000-4-3. Features such as sine and pulsed modulation, programmable start and stop frequencies, frequency step, and dwell time are provided as standard.

The RF1000 covers the range 30MHz-1GHz and the RF2000 covers 30MHz-2.4GHz. Both include powerful Windows control software with USB port interface.

When used with the LaplaCell range of test cells, these synthesisers provide full automatic control of field level and all that is needed to provide an automated compliance test facility. Advanced features such as pre-scanning, display of EUT status against applied field level and full Windows compatibility are standard.

**EUT MONITORING.** Real time monitoring and logging of EUT status facilitates accurate recording of test progress and reporting. Flexible EUT status response modes allow unattended testing for greatest productivity.

**RESULTS.** The frequency, field strength and EUT status can be plotted in real time on screen to show how the product is performing. At the end of the sweep, the plot can be saved and printed as part of the results documentation.

**AUTOMATION.** The RF1000 can automatically perform standard IEC61000-4-3 scans. In addition the user can enter custom sweeps with flexible step size, dwell time, modulation and field strength.

**CONTROLLABILITY.** The software also provides a powerful tool for specific product investigations. The single frequency mode can search out any weakness with automatic field strength ramping and fine control of frequency.



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