EMC TEST ACCESSORIES

Those useful little items that make the task so much easier

The Broadband Pre-Amp

The SA1020 is a Broadband RF amplifier with 20dB gain. Its key features are exceptionally low noise, flat gain characteristics and wide frequency range.

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>10KHz-1GHz</td>
</tr>
<tr>
<td>Gain</td>
<td>20dB</td>
</tr>
<tr>
<td>Flatness</td>
<td>1.5dB</td>
</tr>
<tr>
<td>Noise</td>
<td>&lt;5dBuV</td>
</tr>
<tr>
<td>Power</td>
<td>9V @35mA</td>
</tr>
<tr>
<td>Source</td>
<td>Internal PP3 battery</td>
</tr>
<tr>
<td>Size (Body)</td>
<td>114 x 72 x 35mm</td>
</tr>
</tbody>
</table>

Near Field Probes

The RF100 near field probe set is an essential tool for all aspects of EMC emissions testing.

- Location of sources
- Identification of frequencies prior to OATS measurements.
- Checking of screening effectiveness.
- Quick check of production samples.

<table>
<thead>
<tr>
<th>Field Probe</th>
<th>Electric</th>
<th>Magnetic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rod</td>
<td>15mm</td>
<td>50mm</td>
</tr>
</tbody>
</table>

Common Features

- Connector: BNC
- Covering: Fully insulated
- Relative Sensitivity: Plot against frequency included

RF Filters

- RF600
  - Specifically designed to filter out the FM radio band (85MHz - 108MHz)
  - Stop band attenuation 35dB
  - Fits between antenna and analyser
  - Low insertion loss at all other frequencies

- RF700
  - 30MHz high pass filter
  - Reduces possibility of compression, improves measurement accuracy
  - Very effective at removing the high levels of noise often present below 30MHz (especially in industrial areas)
  - Fits between antenna and analyser

- RF800
  - Band pass filter for conducted emissions testing
  - 150KHz - 30MHz passband
  - Very simple form of preselector
  - Effectively improves your dynamic range
  - Fits between LISN and analyser

Visit www.laplaceinstruments.com for all emissions and immunity test systems

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