



## Product Description

The TC-5010 Mini RF TEM Cell is a highly accurate electromagnetic field generation apparatus designed for testing small RF devices such as wireless pagers. With an external signal generator the TC-5010 can produce an accurate TEM test field inside the tem cell. Our unique patented top access method allows adjustments of the DUT from the top of the tem cell without compromising shielding effectiveness.



## Applications

- **RF Product Development Lab**
  - EMI or EMS testing of small parts and sub-assemblies.
  - Small receiver sensitivity testing.
  - Small transmitter power measurement.
- **Pager Production**  
Pager sensitivity testing and adjustment tool, used as an accurate antenna jig.
- **Quality Assurance**  
Pager sensitivity test, EMI/EMS tests for small RF devices, DC-DC Converter EMI test.

## Specifications

<b>Freq. Range</b>	DC to 1 GHz, usable up to 1.5 GHz
<b>VSWR</b>	< 1.2, DC to 1GHz, typically 1.1
<b>Effective Shielding</b>	> 70 dB, typically 80dB
<b>Thru Loss</b>	< 0.2 dB, DC to 1 GHz
<b>Conversion Factor</b>	13.33 V/m (= 22.5 dBV/m)
<b>Dimension</b>	380(W) x 185(D) x190(H)[mm], or 15" x 7 1/4" x 7 1/3".