

## Open TEM Cell

## TEM 220/TEM 500/TEM 1000

### Datasheet



**TEM 220**  
**TEM 500**



**TEM 1000**

#### In Compliance with

- > IEC 61000-4-20
- > ISO 11452.3
- > EN 61000-4-20
- > GB/T 33014.3
- > SAE J1113-24
- > SAE J1113-25
- > SAE J1752-3
- > GB/T 17626.20

### Introduction

These open TEM cells are well suited for immunity testing of small automotive objects according to ISO 11452-3. The advantage of these TEM cells is that they are open and it is very easy to control the functions of the equipment under test.

### Features

- > Frequency range: DC-1000 MHz

### Application Areas

- > Communication
- > Information technology
- > Telecom
- > Military
- > Medical
- > Aviation
- > Broadcast and TV
- > New energy power
- > Railway

Technical parameters			
Type	TEM 220	TEM 500	TEM1000
Frequency range	DC-220 MHz	DC-500 MHz	DC-1000 MHz
Height under plate	364mm	147mm	73mm
Load impedance	50 Ω	50 Ω	50 Ω
VSWR	<1.2	<1.2	<1.3
Max. input power	1500 W	1000 W	750 W
Maximum field	800 V/m	1500 V/m	480 V/m
Field precision	±5%	±5%	±5%
Input power interface	N type	N type	N type
Inner Dimension (LxWxH)	1800×1600×730mm	900×810×270mm	540×450×148mm
Outer Dimensions (LxWxH)	1900×1600×780mm	970×810×320mm	590×450×190mm



## **SUZHOU 3CTEST ELECTRONIC CO., LTD.**

Add.: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

Tel: +86 (0)512 6807 7192      Fax: +86-512-68079795

Sales Email: [globalsales@3ctest.cn](mailto:globalsales@3ctest.cn)      Service Email: [service@3ctest.cn](mailto:service@3ctest.cn)

[www.3c-test.com](http://www.3c-test.com)