

Testing Services

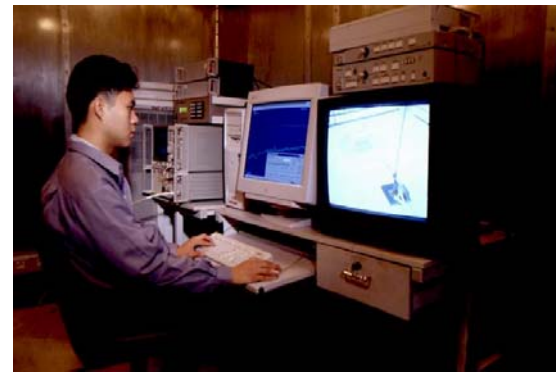
- Electrostatic Discharge (ESD) Test
- Radiated Emissions Test
- RF Radiated Immunity Test
- Magnetic field Immunity Test
- Power Interference Test
- Conducted Immunity Test
- Surge Immunity Test
- Voltage Dips/ Interruption Test
- Electrical Fast Transient/ Burst (EFT/B) Test
- Harmonics Emission/ Voltage/ Fluctuation/Flicker Test
- Test system to perform conducted Emission Measurement
- Discontinuous Interference Analysis (DIA) Test



10 m SEMI ANACHOIC CHAMBER



SHIELDED ROOM



CONTROL ROOM

Products Covered and Standards

- **Electrical and Electronic Equipment (Household Appliance)**
- Air Conditioner, Refrigerator, Washing Machine, Thermal pots and etc.
EN 55014-1:2000 (CISPR14-1:2001), EN 55014-2:1997(CISPR14-2)
- **Information Technology Equipment (ITE)**
EN 55022:1998+A1 : 2000 (CISPR22:2000), TIS 1956-2542
- **Lighting Equipment and Accessories**
- Luminaries, Compact fluorescent, Dimmer, Electronic Ballast, Magnetic Ballast and etc.
EN 55015:2000 (CISPR15), TIS 1955-2542
- **Industrial, Scientific and medical (ISM)** - Microwave oven and etc.
EN 55011:1998 +A1:1999 (CISPR11:1999)
- **Uninterruptible Power Supply (UPS)**
EN 50091-2: 1995

GENERIC STANDARDS

EN: 50081-1:1992, 50081-2:1993, 50082-4:1997, 61000-6-2:1999

BASIC STANDARDS

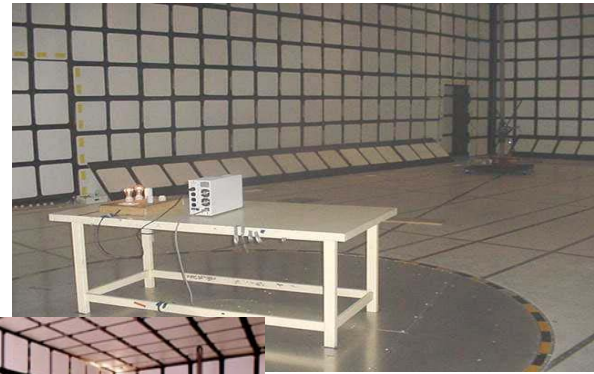
*EN : 61000-3-2: 2000, 61000-3-3: 1995+A1: 2001, 61000-4-2:1995+A1:1998+A2: 2001,
61000-4-3:1996+A1:1998+A2: 2001, 61000-4-4:1995+A1:2001, 61000-4-5:1995+A1:2001,
61000-4-6:1996+A1:2001, 61000-4-8:1993+A1:2001, 61000-4-9:1993+A1:2001,
61000-4-10:1993+A1:2001, 61000-4-11:1994+A1:2001
IEC: 61000-3-2:2001, 61000-3-3:2001, 61000-4-2:2001, 61000-4-4:1995+A1:2000, 61000-4-5:2001,
61000-4-6:2001, 61000-4-8, 61000-4-9, 61000-4-10, 61000-4-11:2001
TIS: 1448-2540, 1449-2540, 1452-2540, 1454-2540, 1455-2540, 1460-2540*

Test Facilities

FCC Filing Registration Number : 99359
VCCI Filing Registration Number : R-1251

10 m SEMI ANACHOIC CHAMBER

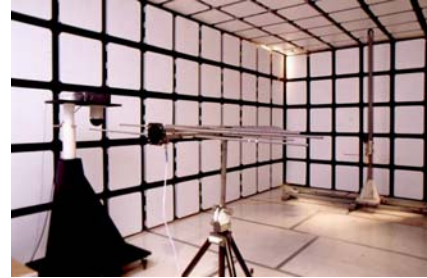
Dimension : 12/18.5/4.5 m
 Entrance Size : W:1/H:2 m & W:4/H:204 m
 Turn Table Diameter : 4 m
 Weight Cap. : 1,000 kg/sq.m.



10 m SEMI ANACHOIC CHAMBER

SHIELDED ROOM

Dimension : 3.5/7.5/2.5 m
 Entrance Size : W:1/H: 2 m



CDC CHAMBER

COMPACT DIAGNOSTIC CHAMBER

Dimension : 3.5/7.5/3 m
 Entrance Size : W:1/H: 2 m

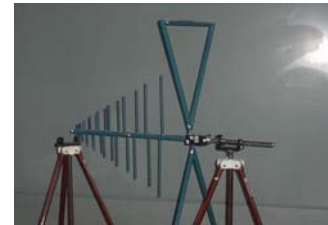
POWER SUPPLY

100 ~ 240 V
 Single phase & 3 phase 50 Hz 20 KVA Max.



MAGNETIC FIELD ANTENNA

(Large Loop Antenna)



BI-LOG ANTENNA

Measuring Equipment

EMI Receiver System	HP 8572A	20 Hz – 22 GHz
EMI Receiver	HP 8542E	9 kHz – 2.9 GHz
Pre. Amplifier	HP 8447D	0.1 – 1,300 MHz
Bi-log antenna	CHASE CBL6111B	30 – 1,000 MHz
Active Loop Antenna	EMCO 6502	9 kHz – 30 MHz
Active Rod Antenna	EMCO 3301B	30 Hz – 50 MHz
Double Ridge-guide Horn Antenna	EMCO 3115	1 – 18 GHz
LISN (AMN)	1 Phase : EMCO 3825/2, 3 Phase :	SCHAFFNER NNB42
EMI Clamp	F-201-32 mm	
ESD Generator	HAEFELY PESD 1600	
EFT/Burst Generator	HAEFELY PEFT JUNIOR	
SURGE Generator	HAEFELY PSURGE 4.1	
Power Line Generator	HAEFELY PLINE 1610	
Harmonics/Flicker Analyzer	HP 6843A	



IMMUNITY TESTING

For more information, please send your queries or contact us at the following:

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