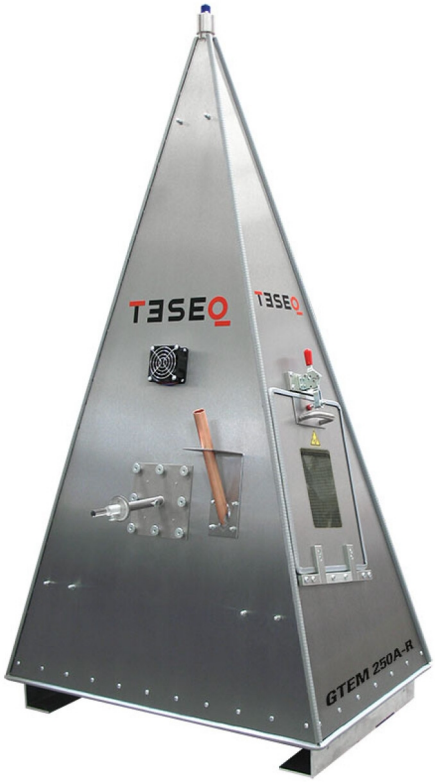


GTEM 250A-R-V-MPH

Test cell for electroacoustics - hearing aids

MAIN FEATURES

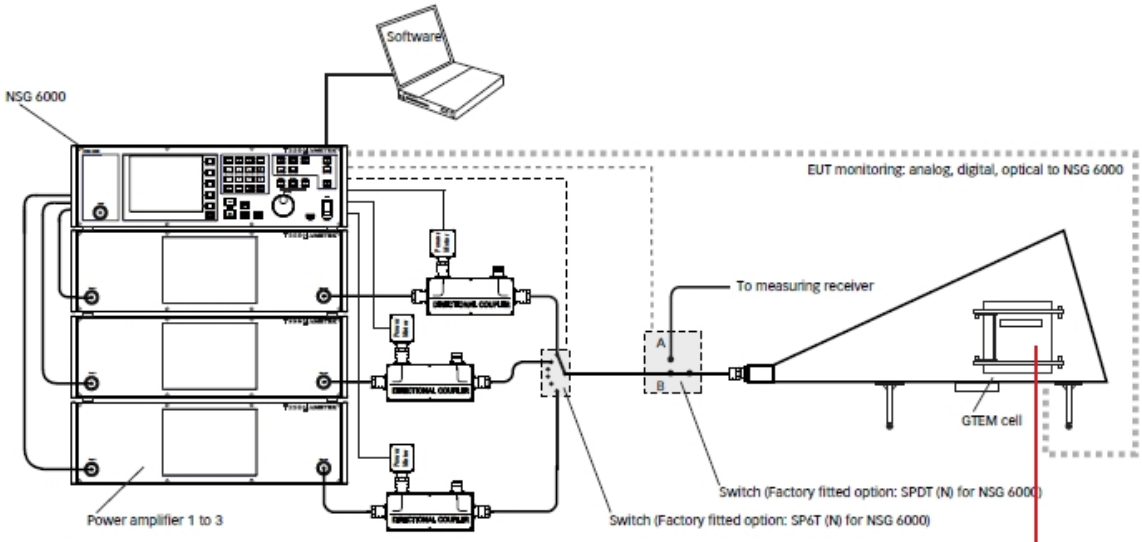
- **Vertical solution for space saving**
- **Meets IEC/EN 61000-4-20, IEC 60118-13 and others**
- **For 100 Watts input power**
- **Excellent VSWR up to 18 GHz**

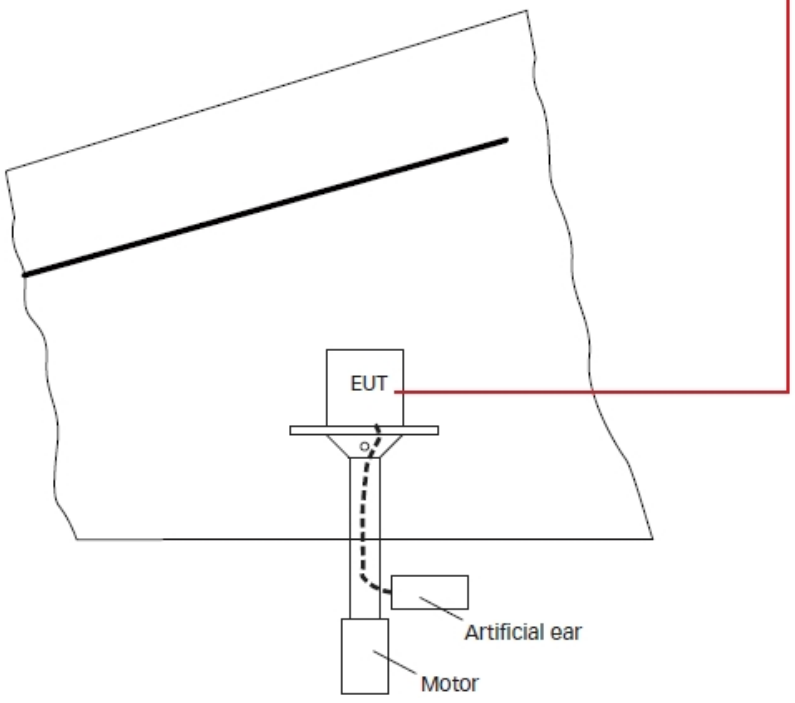
	GTEM 250A-R-V-MPH
Max. septum height	250 mm
Septum height at marker position	217 mm
EUT size (max. dimension, LxWxH in m)	0.20 x 0.20 x 0.15
EUT dimension for uniform-area 0 to 6 dB (LxWxH) in m	0.083 x 0.083 x 0.083
RF input connector	N-type
Nominal impedance	50 Ohm
Frequency range	DC up to 20 GHz
Frequency range according IEC/EN 61000-4-20	30 to 3000 MHz
Typica return loss / VSWR (DC to 18 GHz)	>19 dB / <1.25:1
Shielding effectiveness (30 MHz - 1 GHz / 1 - 18 GHz)	100 dB / 90 dB
Max input power (without additional external air cooling, without any EUT waste heat) below 1 GHz above 1 GHz	 100 W for 15 min 100 W continuous

	GTEM 250A-R-V-MPH
Dimension (LxWxH in m)	0.55 x 0.66 x 1.23
Weight	approx. 45 kg
Door (LxH in m)	0.20 x 0.13
Operating temperature	+5°C to +30°C
Temperature range for this specification	+20°C to +28°C

Options

- Manipulator solution
- Test house software





Example of test setup 9 kHz to 6 GHz with three power amplifiers and measuring receiver