

Technical Specifications									GTEM
GTEM Type	250	500	750	1000	1250	1500	1750	2000	
Electrical Data									
Input connector	N	7/16	7/16	7/16	7/16	7/16	7/16	7/16	7/16
Nominal impedance, Ω	50	50	50	50	50	50	50	50	50
Frequency range, MHz	0.01-18,000	0.01-18,000	0.01-18,000	0.01-18,000	0.01-18,000	0.01-18,000	0.01-18,000	0.01-18,000	0.01-18,000
Typical VSWR within frequency range (up to 5GHz)	1 : 1.2	1 : 1.2	1 : 1.2	1 : 1.2	1 : 1.2	1 : 1.2	1 : 1.2	1 : 1.2	1 : 1.2
Typical VSWR at critical frequencies (up to 5GHz)	1 : 1.6	1 : 1.6	1 : 1.6	1 : 1.6	1 : 1.6	1 : 1.6	1 : 1.6	1 : 1.6	1 : 1.6
Max input power, W	50	100 (200)	200 (500)	500	1000	1000	1000	1000	1000
Screening attenuation typ: (>10kHz / >10MHz)	>50 / >100	>50 / >100	>50 / >100	>50 / >100	>50 / >100	>50 / >100	>50 / >100	>50 / >100	>50 / >100
Electrical Equipment / Options									
10A / 2 wires (single phase)	-	●	●	●	●	●	●	●	●
Channels for fibre optic leads	-	1	1	2	2	2	2	2	
Sockets for EUT	-	1	1	3	3	3	3	3	
Indoor lighting	-	●	●	●	●	●	●	●	
RF connectors, type (No.)	-	○	○	● N (3)	● N (3)	● N (3)	● N (3)	● N (3)	
Electrical safety interlock	-	●	●	●	●	●	●	●	
Emergency off -switch	-	●	●	●	●	●	●	●	
Power outlet outside, switched by emergency off	-	●	●	●	●	●	●	●	
Power outlet outside, switched by emergency off and door contact	-	-	-	●	●	●	●	●	
Mains connection	-	fix / CEE	fix / CEE	fix / CEE	fix / CEE	fix / CEE	fix / CEE	fix / CEE	
Ground connection M8	-	●	●	●	●	●	●	●	
AC-filter 16A / 4 Wires (three phase)	-	-	-	○	○	○	○	○	
AC-filter 25A / 4 Wires (three phase)	-	-	-	○	○	○	○	○	
DC-filter, 2 Wires 10A	-	○	○	○	○	○	○	○	
DC-filter, 4 Wires 10A	-	-	-	○	○	○	○	○	
25-pole signal filter (max. No.)	-	○ (2)	○ (2)	○ (4)	○ (4)	○ (4)	○ (4)	○ (4)	
Video camera system	-	-	-	-	○	○	○	○	
Mechanical Equipment / Options									
Door both sides	-	○	○	○	○	○	○	○	
Sec small door next to Input	-	-	○	○	○	○	○	○	
Window in door (W x H) m	○	●	●	●	-	-	-	-	
	0.10 x 0.05	0.30 x 0.10	0.30 x 0.10	0.30 x 0.10					
Window next to door 0.30 x 0.10 m	-	-	-	-	○	○	○	○	
Gas / Water feed through plates	-	○	○	○	○	○	○	○	
Fans (No.)	● (1)	○ (2)	○ (2)	● (5)	● (5)	● (5)	● (5)	● (6)	
Mechanical Dimensions / Max. EUT size									GTEM
GTEM Type	250	500	750	1000	1250	1500	1750	2000	
Outer (L x W x H) m	1.25 x 0.65 x 0.45	2.95 x 1.48 x 2.00	3.95 x 2.02 x 2.15	4.95 x 2.54 x 2.13 (1.88)	5.95 x 3.06 x 2.48 (2.23)	6.95 x 3.58 x 2.55	7.95 x 4.10 x 2.90	8.95 x 4.62 x 3.24	
Cell height with manipulator (remote controlled) m					2.48	2.80	3.15	3.49	
Door (W x H) m	0.20 x 0.13	0.45 x 0.33	0.62 x 0.49	0.75 x 0.60	0.82 x 0.80	1.00 x 1.30	1.00 x 1.30	1.00 x 1.30	
Wheeled undercarriage	-	●	●	-	-	-	-	-	
Number of supports	3	3	4	11	16	21	26	32	
Weight kg	70	310	580	730	1050	1390	1680	2180	
Max. possible test volume (L x W x H) m	0.20 x 0.20 x 0.15	0.41 x 0.41 x 0.31	0.62 x 0.62 x 0.49	0.74 x 0.74 x 0.66	0.93 x 0.93 x 0.83	1.11 x 1.11 x 0.99	1.32 x 1.32 x 1.16	1.50 x 1.50 x 1.32	
Defined test vol. ±3dB <1000MHz (L x W x H) m	0.15 x 0.15 x 0.08	0.30 x 0.30 x 0.15	0.45 x 0.45 x 0.22	0.60 x 0.60 x 0.30	0.70 x 0.70 x 0.38	0.85 x 0.85 x 0.45	1.00 x 1.00 x 0.50	1.15 x 1.15 x 0.60	

●	Standard
○	Costed Option
-	Not Provided