

# GTEM 250 - 1000 Specification Matrix

NOTE: Meaning of the symbols ---> ● Standard, ○ Costed option, N.A. not available.

## Technical Specifications

GTEM	250	400	500	750	1000
Fully Hot Galvanized steel	●	●	●	●	●
<b>Electrical Data</b>					
Input connector	N	N	N	N	N
Nominal impedance	50	50	50	50	50
Frequency range	1MHz-20GHz	1MHz-20GHz	1MHz-20GHz	1MHz-20GHz	1MHz-20GHz
Typical VSWR (medium value)	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2
Typical VSWR at critical frequency	<1:1.6	<1:1.6	<1:1.6	<1:1.6	<1:1.6
Max Input power, W continuous/*pulsed	500*/2Kw	500*/2Kw	500*/2Kw	700*/2,5Kw	700*/2,5Kw
<b>Electrical Equipment / Options</b>					
Mains connectors	Fix/CEE	Fix/CEE	Fix/CEE	Fix/CEE	Fix/CEE
Main Switch 16A magneto-thermal	●	●	●	●	●
Input Socket IEC plug 16Aac (Single phase + ground)	●	●	●	●	●
Input Socket IEC plug 16Aac (Three phases + ground)	○	○	○	○	○
Output Socket Schuko tape 16Aac (Single phase +ground) for EUT	●	●	●	●	●
Additional EUT sockets: Schuko, IEC.	○	○	○	○	○
Ground connection M6	●	●	●	●	●
AC mains filter 16A 250V /2 wires +ground	●	●	●	●	●
AC/DC filter 6A/2 wires 250V	●	●	●	●	●
AC filter 30A/3 wires (2PH+Ground)	○	○	○	○	○
AC filter 16A/5 wire (3PH+N+Ground)	○	○	○	○	○
AC filter 32A/5 wires (3PH+N+Ground)	○	○	○	○	○
AC filter 64A/5 wires (3PH+N+Ground)	○	○	○	○	○
Custom AC or DC I/O filters	○	○	○	○	○
Electrical safety interlock	○	○	○	○	○
Indoor lighting 4W LED (GTEM-B09L4)	○	N.A.	N.A.	N.A.	N.A.
Indoor lighting 20W LED (GTEM-B09)	N.A.	○	○	○	○
9-poles signal filter (DB9) (GTEM-B25)	○	○	○	○	○
25-poles signal filter (DB25) (GTEM-B14)	○	○	○	○	○
XX-poles signal filter on demand	○	○	○	○	○
USB feed-thru connector	○	○	○	○	○
RJ45 (RJ11) feed-thru connector (GTEM-B32)	○	○	○	○	○
Wave guide for fibre optic leads (3 couple)	●	●	●	●	●
Wave guide for fibre optic leads (6 couple)	○	○	○	○	○
Media RF feed-thru N type connector	1	1	1	1	1
Media RF feed-thru SMA type connector	2	2	2	2	2
Additional RF feed-thru SMA connector	○	○	○	○	○
Additional RF feed-thru N type connector	○	○	○	○	○
Apex Input 7/16 connector or 7/8"	○	○	○	○	○
Video camera system	○	○	○	○	○
Shielded glass for Ext. Video camera (GTEM-B40S)	○	○	○	○	○
Manipulator X-Y-Z	N.A.	○	○	○	○
Option SAE 1752/3, IEC 62132-2 and IEC 61967-2	○	○	○	○	○
<b>Mechanical Equipment / Options</b>					
Secondary small door next to input	N.A.	N.A.	N.A.	○	○
SAE 31 752/3 Fixture	○	○	○	○	○
Window in door (WxH) 25cm. Diam.	24x14,5cm. ○	○	○	○	●
Gas / Water feed through plates	○	○	○	○	○
Honeycomb panel	N.A.	○	○	○	○
Fans kit: N.2 12x12cm	N.A.	○	○	○	○
Technical panel pre-drilled for options	●	●	●	●	●
Empty Technical panels	N.A.	N.A.	1	2	2

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## Mechanical Dimensions / Max. EUT size

GTEM	250	400	500	750	1000
Outer (LxWxH) cm	127x64x44	220x122x83	300x168x115	400x220x150	500x271x188
Door (WxH) cm	30x23	40x40	40x40	60x60	80x80
Wheeled undercarriage - Trolley	○	●	●	●	●
Weight Kg. Approx.	40	200	250	400	700
Max. test volume (LxWxH)cm	20x20x15	35x40x25	40x40x30	60x60x50	75x75x70
Defined test Vol. +/-3dB <1000MHz (LxWxH)cm	8.5x8.5x8.5	13.5x13.5x13.5	17x17x17	25x25x25	33.5x33.5x33.5
Septum height	250mm	400mm	500mm	750mm	1000mm
Fully Inox steel construction option	○	○	○	○	○
Ferrite tiles on Gtem's base + matched absorbers	●	○	●	○	○

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