

Europe Price List N.09 – September - 2017

GTEM Cells

Technical Specifications					
Fully Hot Galvanized steel					
GTEM	250	400	500	750	1000
Electrical Data					
Input connector	N	N	N	N	N
Nominal impedance	50	50	50	50	50
Frequency range	0,01 MHz -20GHz	0,01 MHz -20GHz	0,01 MHz -20GHz	0,01 MHz -20GHz	0,01 MHz -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
Electrical Equipment / Options					
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	○	○	○	○	○
Mechanical Equipment / Options					
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
Mechanical Dimensions / Max. EUT size					GTEM
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	250 mm	400 mm	500 mm	750 mm	1000 mm
Price List €	10.500 €	18.220€	24.570 €	29.575 €	36.835 €

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

Technical Specifications						GTEM
GTEM	1250	1500	1750	2000	2500	
Electrical Data						
Input connector	N	N	N	N	N	
Nominal impedance Ohm	50	50	50	50	50	
Frequency range	0,01 MHz - 20GHz	0,01 MHz - 20GHz	0,01 MHz - 20GHz	0,01 MHz - 20GHz	0,01 MHz - 20GHz	
Typical VSWR	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	800/2,5kw*	900/2,5kw*	1000/2,5kw*	1000/2,5kw*	1000/2,5kw*	
Electrical Equipment / Options						
Mains connectors	Fix/CEE	Fix/CEE	Fix/CEE	Fix/CEE	Fix/CEE	
Main Switch 16A magneto-thermal	•	•	•	•	•	
Input Socket plug 16Aac (Single phase + ground)	•	•	•	•	•	
Output Socket Schuko 16Aac (Single phase + ground) for EUT	•	•	•	•	•	
Additional EUT sockets	○	○	○	○	○	
Ground connection M6	•	•	•	•	•	
AC/DC filter 6A/2wires (2PH+Ground)	•	•	•	•	•	
AC filter 16A/5 wire (3PH+N+Ground)	○	○	○	○	○	
AC filter 30A/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 30W LED	•	•	•	•	•	
9-poles signal EMI filter (DB9)	○	○	○	○	○	
25-poles signal EMI filter (DB25)	○	○	○	○	○	
XX-poles signal filter on demand	○	○	○	○	○	
USB feed-thru connector	○	○	○	○	○	
RJ45 (RJ11) feed-thru connector	○	○	○	○	○	
Wave guide for fibre optic leads (3 couple)	•	•	•	•	•	
Wave guide for fibre optic leads (6 couple)	○	○	○	○	○	
Media RF feed-thru double N type	1	1	1	1	1	
Media RF feed-thru double SMA type	2	2	2	2	2	
Additional RF feed-thru SMA connector	○	○	○	○	○	
Additional RF feed-thru N type connector	○	○	○	○	○	
Apex Input 7/16 or 7/8 connector	○	○	○	○	○	

Technical panel pre-drilled for options	●	●	●	●	●
Video camera system	○	○	○	○	○
Manipulator X-Y-Z	○	○	○	○	○
Mechanical Equipment / Options					
Secondary door next to input	○	○	○	○	○
Additional primary door (custom size)	○	○	○	○	○
Window in door (WxH) 20cm.Diam.	●	●	●	●	●
Gas / Water feed through plates	○	○	○	○	○
Honeycomb panel	○	○	○	○	○
Fans N.2 12x12cm	○	○	○	○	○
Empty Technical panels	1	1	2	2	2
Hi power termination	○	○	○	○	○
Mechanical Dimensions / Max. EUT size					GTEM
GTEM	1250	1500	1750	2000	2500
Outer (LxWxH)cm	610x320x215	710x381x250	810x430x280	910x484x314	1110x586x383
Door (WxH)cm	80x120	80x120/140x140	100x160/140x140	100x160/160x160	160x160
Wheeled undercarriage	○	○	○	○	○
Weight Kg. Approx.	850	1000	1300	1650	2500
Max. test volume (LxWxH)cm	95x95x85	120x120x100	140x140x115	175x175x130	215x215x160
Defined test Vol. ±6dB<1000MHz LxWxH)cm	42x42x42	50x50x50	58,5x58,5x58,5	67x67x67	83,5x83,5x83,5
Septum height	1250 mm	1500 mm	1750 mm	2000 mm	2500 mm
Price list €	45.320€	59.150€	76.440€	106.470€	148.000€
NOTE: Meaning of the symbols ---> ● Standard, ○ Costed option, N.A. not available,					

GTEMs Options & Accessories					
Fully Inox steel construction option (applicable at any GTEM model !!!)					+14%
I/O ports		Q.ty	GTEM MODELS		Price
			250-400-500-750-1000-1250	1500-1750-2000-2500	
GTEM-B00	Fully Inox steel construction for tropical environment	1	○	○	+14%
GTEM-B00-FRK	Ferrite tiles on Gtem's base + matched absorbers	1	250-500 ● other ○	○	+10%
GTEM-B01	EIA 7/8" Flange input connector (up to 3GHz)	1	○	○	€ 350
GTEM-B02	7/16" Input connector (up to 3GHz)	1	○	○	€ 250
GTEM-B03	Hi Power terminations 1KW up to 3GHz	1	○	●	€ 1.000
GTEM-B04	Hi Power terminations 1,6KW up to 3GHz	1	N.A.	○	€ 1.800
GTEM-B05	Channels for fibre optical feed-thru (additional 3 pairs)	1	○	○	€ 350
GTEM-B05F	Channels for fibre optic leads (additional 6 pairs)	1	○	○	€ 450
GTEM-B06	Additional RF feed-thru connector N type	1	○	○	€ 200
GTEM-B07	Additional RF feed-thru connector SMA type	1	○	○	€ 200
Electrical Equipment / Options					
GTEM-B08	Additional socket for EUT (IEC or Schuko)	1	○	○	€ 250
GTEM-B09	Indoor lighting (Halogen lamp 50W)	1	○	○	€ 300
GTEM-B09L3	Indoor lighting (LED lamp 4W)	1	○	N.A.	€ 350
GTEM-B09L20	Indoor lighting (LED lamp 30W)+shielded mesh screen	1	N.A.	●	€ 400
GTEM-B10-30	AC filter 30A/3wire (2PH+ Ground)	1	○	○	€ 1.000
GTEM-B11-16	AC filter 16A/5wire (3PH+N+ Ground)	1	○	○	€ 1.200
GTEM-B11-25	AC filter 25A/5wire (3PH+N+Ground)	1	○	○	€ 2.500
GTEM-B11-30	AC filter 30A/5 wires (3PH+N+Ground)	1	N.A.	○	€ 3.500
GTEM-B11-64	AC filter 64A/5 wires (3PH+N+Ground)	1	N.A.	○	€ 5.800
GTEM-B21-300	I/O AC-DC feed-thru 300A 440V	1	○	○	€ 600
GTEM-B21	I/O AC-DC Custom filter box up to XX Channels	1	○	○	Upon request
GTEM-B13	Electrical safety inter-lock	1	○	○	€ 300
GTEM-B25	9-poles DB9 signal EMI filter (1000pF)	1	○	○	€ 350

GTEM-B14	25-poles DB25 signal EMI filter (1000pF)	1	○	○	€ 400
GTEM-B26-B32	RJ45 (RJ11) feed-thru connector	1	○	○	€ 900
GTEM-B33	USB feed-thru connector	1	○	○	€ 400
Mechanical Equipment / Options					
GTEM-B23	Vertical positioning, turn of the door position, plastic table over pyramidal absorbers	1	Only 250-400-500 ○ Others: N.A.	N.A.	€ 1.800
GTEM-B15-S	Secondary door next to input (Clear entry 40x40cm)	1	N.A.	○	€ 5.000
GTEM-B15-M	Secondary door next to input (Clear entry 60x60cm)	1	N.A.	○	€ 6.000
GTEM-B15-B	Secondary door next to input (Clear entry 80x80cm)	1	N.A.	○	€ 6.500
GTEM-B16	Window in door (Clear Diam. 200mm.)	1	○	●	€ 1.800
GTEM-B17	Gas / Water feed through plates	1	○	○	€ 800
GTEM-B18	Honeycomb panel	1	N.A.	○	€ 1.000
GTEM-B19	Fans kit for GTEM on technical panel	1	N.A.	○	€ 800
GTEM-B28	N.4 Fans kit channel for Heath sink .	1	○	○	€ 2.900
GTEM-B027	Empty technical panel (Diam. 200mm.)	1	○	●	€ 150
GTEM-B027C	Empty technical panel pre-cut on demand	1	○	○	€ 250
GTEM-B20	Door for SAE J1752/3 test fixture	1	○	○	€ 1.600
GTEM-B20/*	Option SAE 1752/3, IEC 62132-2 and IEC 61967-2	1	N.A.	○	€ 2.000
GTEM-B21	Undercarriage with swively wheels and brakes	1	○	○	€ 1.900
GTEM-B40	Video camera system	1	○	○	Call for quote
GTEM-B40S	Shielded glass flange for external video camera vision	1	○	○	€ 300
NOTE: Meaning of the symbols ---> ● Standard, ○ Costed option, N.A. not available.					

* Data subject to change without notice.