

## GTEM 1600 /F /SAE

| Technical Specifications                    |                                      |
|---------------------------------------------|--------------------------------------|
| Frequency Range                             | DC to 20 GHz                         |
| Frequency Range according IEC/61000-4-20    | 30MHz to 3000 MHz                    |
| Max power-input                             | 1000 W (250W with adaptor to N)      |
| Input connector type                        | 7/16" female type                    |
| Adaptor 7/16" to N for 250W max.            | N female type                        |
| Nominal impedance                           | 50 Ohm                               |
| Return Loss/Typical VSWR: (DC to 18GHz)     | >15dB/ 1,45:1                        |
| Shielding effectiveness (30MHz to 3GHz)     | >60dB                                |
| Septum height in front of the door          | 1600 mm                              |
| Septum height in front the absorbers        | 1750 mm                              |
| Door size (clear passage)                   | 80cm(W) x 120cm(H)                   |
| EUT dimension for Uniform Area $\pm 3$ dB   | 53(L) x 53(W) x 53(H) cm             |
| EUT size (Max dimension)                    | 110(L) x 110(W) x 80(H) cm           |
| Absorbers type Gtem 1600                    | 50cm. Truncated pyramidal            |
| Absorbers type Gtem 1600F                   | 45cm Hybrid pyramidal + FERRITE      |
| Wheeled undercarriage type with brakes      | Included                             |
|                                             |                                      |
|                                             |                                      |
| Mechanical Dimensions                       |                                      |
| Dimensions (LxWxH)cm. GTEM 1600, /F /SAE    | 710x358x255cm + 15cm trolley         |
| Door dimension (clear passage) in cm.       | 80 x 120 cm                          |
| Shielded window in the door, OPTIONAL       | Circular, Diam. 200mm                |
| Net Weight Gtem 1600                        | Approx. 1400Kg                       |
| Net Weight Gtem 1600F                       | Approx. 1800Kg                       |
| Packing list                                |                                      |
| Package dimensions (wooden box)             |                                      |
|                                             |                                      |
| Gross Weight: in KIT                        |                                      |
|                                             |                                      |
| Electrical                                  |                                      |
| AC Input Mains socket / internal Out socket | Fix/CEE IEC 16A / Schuko 16A AC 250V |
| AC Mains switch                             | 16A magneto-thermal                  |
| Secondary power line: 2x250V AC/DC          | 10A (20A Max)                        |
| Input secondary connectors / internal Out   | Banana 4,2mm                         |
| Ground connection. M6 screw                 | Always connected with a 16sqmm. Cord |
| Inlet Led light                             | N.1 projector 20-30W 110-220V AC     |
| Light switch                                | 6A magneto-thermal                   |
|                                             |                                      |
| Technical panel                             |                                      |
| RF coax Feed-thru(s)                        | N.2 SMA-SMA female                   |
| RF coax Feed-thru(s)                        | N.1 N-N female                       |
| Waveguide                                   | N.1 for n.3 couples of fiber optics  |
| Multimedia filters module                   | N.2 RJ45, N.2 USB, N.1 RS232 (DB9)   |

| Options                            |                                    |
|------------------------------------|------------------------------------|
| Electrical safety interlock        | 1                                  |
| Shielded window in the door        | Circular Diam. 200mm.              |
| AC filters 2x250V + Ground         | 16 / 20 / 32A                      |
| AC filters 4x250V + Ground         | 16 / 36 / 64A                      |
| Coaxial AC/DC filters              | 25 / 100 / 300A                    |
| Signal filter RS232 - DB 9         | 9 pin 1A 1000pF                    |
| Signal filter RS232 - DB 25        | 25 pin 1A 1000pF                   |
| Fiber optic feed-thru(s)           | for 3 / 6 pairs of fibers          |
| Waveguide feed-thru(s)             | 1 / 2"                             |
| Gas/Water feedthrough waveguides   | on demand                          |
| Honeycomb panel                    | 30x60cm                            |
| Fans 12x12cm 110-220V AC or 12/24V | Single or multi-fans kit           |
| Additional technical panels        | empty or pre-drilled               |
| Additional coaxial feed-thru(s)    | SMA, N, TNC, BNC, 7/16"            |
| Video or thermo camera             | on demand                          |
| Turntable                          | electronic controlled              |
| Manipulator                        | Manual / USB electronic controlled |

° Specifications are subject to change without notice. Products are designed and manufactured under strict quality control and any modification is intended to add and improve the details of the equipment.



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