

## Medical Isolation Transformer MTT1000

### Data sheet

Typ	MTT1000
Partnumber	312150
Nominal power output [VA]	850 (prim. 100 V AC) or 1000 (prim. 120 / 230 V AC)
Mains voltage [V AC] +/- 10%	100 / 120 / 230 +/- 10%
Current consumption [A]	9.1 / 8.9 / 4.7
Supply frequency	50 / 60 Hz
Inrush current limitation	Surge Limiter NTC
Potential equalisation	No
Power Input	IEC Power connector in accordance with EN 60320-1/C14
Operation display	No
Thermal overload protection secondary	Yes
Output voltage secondary [V AC]	230
Automatic circuit breaker [A]	6
touch leakage current	< 100 µA under normal conditions, < 500 µA single fault conditions
Isolation and protective earth conductor resistance	> 2 M Ohm / < 0.1 Ohm
Test voltage [AC]	primary-secondary: 4 KV AC, primary/secondary - case: 1.5 KV AC
Ambiant operation temperatur (ta)	+ 10° C up to + 40° C
Relative humidity	30 % up to 75 %
Atmospheric pressure [hPa]	700 - 1060
Potential equalisation	Equipotential connector according to DIN 42801
Power Output secondary	8 x power outlet for non-heating apperatures according to EN 60320-2-2/F
case, surface	Metal housing RAL 9002
Dimensions (WxHxD) [mm]	141x190x326
Weight [kg]	14.6
Electric safety class	class I equipment, protective earthing
IP classification	IP 20
Certification Institutions	TÜV - NRTL
Basic principles / CE conformity	Medical Device Regulation No. 2017/745
Basic principles NRTL	ANSI/AAMI ES60601-1:2005/(R(2012) CAN/CSA-C-22.2 No. 60601-1:14
Classification in keeping with MPG	Class I device

### Optional accessory:

MTT1000 without main power cord	312150-01
MTT1000 with US- main power cord	312150-02
4 pcs. replacement fuses T 6.3 A/H (for 230 VAC only)	300327
4 pcs. replacement fuses T 10.0 A/H (for 100 VAC / 120 VAC only)	300328



### Scope of delivery:

Isolation transformer  
Main power cord 3x1.5 mm<sup>2</sup>, L= 4m  
User Manual  
Retain clip (main power supply)  
Replacement fuses