

Technical Specifications

System Features

Product code:**AMT-8**

(Analog Multiplex Telemetry)

Input mode:	Differential (bipolar electrodes)
Input impedance:	10 GOhm
Frequency response:	10 - 1000Hz, all EMG
Common mode reject :	115dB (at 60 Hz)
Variable gain :	1 - 3 continuous
Interchannel crosstalk :	> - 50dB at 100Hz, all channels
Noise :	4.5 μ V r.m.s., (10Hz - 3kHz)
Noise measurement :	Input shorted to ground
Output signal swing :	Single end, max. 4.0 Vpp, no clipping
Output connectors :	BNC standard
Digital channel output :	TTL level
Digital mode :	Continuous or fixed time pulse (jumper selectable)
Signal transmission :	Pulse amplitude modulation with time division multiplexing
Transmission medium :	Shielded cable
Cable length :	3-50m (10m standard)

Power Requirements

Main unit :	(110V, AC - 60Hz or 220V, 50Hz)
Power consumption :	Maximum 20V A
Fusing rating :	Isolated section fuse: slow blow, F1=200mA / 250V
Non isolated section fuse :	F2 = 100mA, 250V slow blow
Patient Unit:	2 standard 9V batteries

Equipment Class

Main amplifier :	TYPE B, CLASS 1, externally powered SELF (safety extra low voltage isolation transformer)
Risk current class :	2G
Mode of operation :	Continuous
Patient unit :	Type BF, Group 1 (9V)
Mode of operation :	Continuous, short time loading
Ambient temp. range :	+10 to + 40° C
Relative humid range :	10 to 75%
Atmospheric pressure :	700 to 1060 hPa

Physical Measures

MAIN AMPLIFIER :	
Weight :	3.6 kg
Dimensions :	48 x 30 x 4.5 cm
Mounting :	19" rack or table top case
PATIENT UNIT :	
Weight :	240g
Dimensions :	14 x 8 x 4.5 cm
PRE-AMPLIFIER :	
Weight :	3.5g (pre-amp.+ leads) 13g (with cable and connector)
Dimensions :	3.2 x 1 x 0.4 cm
Warranty :	1 year parts and labour
Return policy :	30 days (full refund on goods)