

Angel MP Telemetry Transmitter Specifications

3-24-03

Feature	Description
Marketed	Canada, USA
Weight (oz)	4 oz less batteries
RF	
Frequency Range	608-614MHz (US and Canada)
Transmission	Digital
Output Power	5 dBm
Channel Spacing	12.5KHz
User Programmable Frequency	Yes
ECG	
Leads Transmitted	Lead II, V
No. of Electrodes	3 or 5
Leads transmitted simultaneously	2
Input Impedance, Megohms	>20
Frequency response (Hz)	0.05-100
Pacer ID	Yes, 2mV to 700mV, 100usec. To 2msec.
Dynamic Range	Plus or minus 5mV
DC Offset	Plus or minus 400mV
Common Mode Rejection Ratio	80dB @ 60Hz minimum
Defibrillation Recovery Time	Within 8 seconds
Power	
Battery Type	3 AAA, alkaline
Battery Life, Days	Minimum 2 ½ days with Alkaline Battery est.
Reverse Battery Protection	Yes
Low-Battery Signal	Yes
Durability	
Shock withstand	Must withstand mechanically and electrically, 10 drops from 5'.
Waterproof	Yes
Cleaning	Housing must be compatible with Cidex, and other Phenol based cleaners
Mechanical	
Leadwire connection to transmitter	Removable DIN (AAMI Std)
Battery Door	Door must not have any hinged components and must maintain waterproof seal
Defib Proof	Yes

Serviceability		No service.
Environmental		
Temperature Range		10-45 degrees, Celsius
Humidity Range		15%-95% relative humidity
Altitude Range		Up to 15,000 Ft.