

# Angel MP Telemetry Transmitter Specifications

3-24-03

| Feature                            | Description                                                                |
|------------------------------------|----------------------------------------------------------------------------|
| Marketed                           | Canada, USA                                                                |
| Weight (oz)                        | <b>4 oz less batteries</b>                                                 |
| <b>RF</b>                          |                                                                            |
| Frequency Range                    | <b>608-614MHz (US and Canada)</b>                                          |
| Transmission                       | Digital                                                                    |
| Output Power                       | <b>5 dBm</b>                                                               |
| Channel Spacing                    | 12.5KHz                                                                    |
| User Programmable Frequency        | Yes                                                                        |
| <b>ECG</b>                         |                                                                            |
| 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                      | <b>Plus or minus 5mV</b>                                                   |
| DC Offset                          | Plus or minus 400mV                                                        |
| Common Mode Rejection Ratio        | <b>80dB @ 60Hz minimum</b>                                                 |
| Defibrillation Recovery Time       | <b>Within 8 seconds</b>                                                    |
| <b>Power</b>                       |                                                                            |
| Battery Type                       | <b>3 AAA, alkaline</b>                                                     |
| Battery Life, Days                 | <b>Minimum 2 ½ days with Alkaline Battery est.</b>                         |
| Reverse Battery Protection         | Yes                                                                        |
| Low-Battery Signal                 | Yes                                                                        |
| <b>Durability</b>                  |                                                                            |
| 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     |
| <b>Mechanical</b>                  |                                                                            |
| Leadwire connection to transmitter | <b>Removable DIN (AAMI Std)</b>                                            |
| Battery Door                       | Door must not have any hinged components and must maintain waterproof seal |
| Defib Proof                        | Yes                                                                        |

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