

Functional Specifications

All statements about transmitter accuracy assume data is collected using the Dataquest system software, an OpenART partner system, UA10 Universal Analog adaptor, or another approved analog adapter that uses factory or custom calibrations. Transmitters may contain recycled electronic components. Recycled components must pass the same final inspection and tests as new components.

TX FCC ID MHA20DSI

These devices comply with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must except any interference that my cause undesired operation.

Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

PA-C20

General Specifications	
Parameters measured	Pressure and physical activity
Outer material	Silicone elastomer
Nominal weight	3.9 g
Temperature operating range	
Operating range	34-41 °C
Exposure range	-20 to 55 °C
Shelf life	
Battery	12 months
Sterility	12 months
Battery life (warranted/nominal)	1.5 months/2 months
Turn-off mechanism	Magnetically activated
Modes available	Off, On
Receiver compatibility	Any PhysioTel receiver except RL1000
Sensor burst pressure	1000 mmHg gauge pressure (sea level) 1750 mmHg absolute
Pressure Measurement Specifications	
Pressure range	-20 to 300 mmHg
Ambient pressure range	670 to 800 mmHg
Maximum altitude above sea level	625 meters*
Bandwidth (3dB, maximum catheter length)	>70 Hz
Initial accuracy	± 3 mmHg
Offset Stability	
First month after implantation	< 5 mmHg
Second month	< 4 mmHg
Third month and after	< 3 mmHg
Scale Stability	
Maximum drift with time	1% of gauge pressure reading per three months
Temperature (37.5 +/-3.5 ° C)	± 1%

*This altitude is based on factory calibration values. Higher altitudes can be accommodated using custom calibration values.