



### Technical Specifications

Transmitter type:	Crystal controlled 2-stage ("B" suffix denotes 3-stage)
Calibration tolerance:	$\pm 2.5\text{kHz}$
Frequency stability:	$\pm 2.5\text{kHz}$ , $-20^{\circ}\text{C}$ to $40^{\circ}\text{C}$
Pulse rate and width:	Typical on time 20ms, off time 1100ms (controlled by uC)
Pulse rate variation:	0.01%/volt, $\pm 0.01\%$ for temperatures $-20^{\circ}\text{C}$ to $+40^{\circ}\text{C}$
Battery:	Lithium
Activation:	By removing magnet
Encapsulation:	Electrical resin, water-proof, specific gravity: 1.12

MODEL	BATTERY	BATTERY CAPACITY (days)		DIMENSIONS (mm)				WEIGHT <sup>+</sup> (grams)	PRICE GROUP
		40 ppm	55 ppm	A	B	C	D		
M1820	3.5V	390	299	37	21	13	12	27	C
M1830	7PN	843	647	49	27	14	12	40	C
M1830B	16M	321	238	49	27	14	12	42	C

<sup>+</sup> Weight for 3- ply neoprene collar. Other plys, widths & material available.

Factors other than battery capacity may reduce life.

Warranty life is 50% of battery capacity, maximum of two years.

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