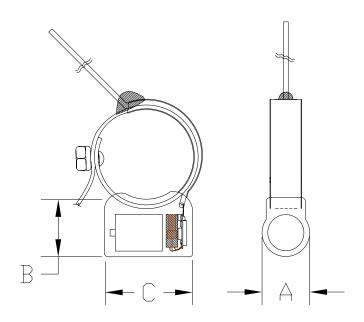
MATS ADVANCED TELEMETRY SYSTEMS

MINIATURE MAMMAL COLLAR

Series M1700



Technical Specifications

Transmitter type: Crystal controlled 2-stage

Calibration tolerance: $\pm 2.5 \text{kHz}$

Frequency stability: $\pm 2.5 \text{kHz}$, -20°C to 40°C

Pulse rate and width: Typical on time 20ms, off time 1100ms (controlled by uC) Pulse rate variation: $0.01\%/\text{volt}, \pm 0.01\%$ for temperatures -20°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 ⁺ (grams)	PRICE GROUP
	3.5V	35 ppm*	40 ppm	55 ppm	A	В	С		
M1720	10-12	100	73	56	13	15	23	9.0	Е
M1730	10-18	250	182	140	13	15	29	11.0	Е
M1740	10-25	362	264	202	13	15	37	16.0	Е

^{* 15} ms pulse width

Factors other than battery capacity may reduce life.

Warranty life is 50% of battery capacity.

^{*} Weight for PVC narrow belting collar material.