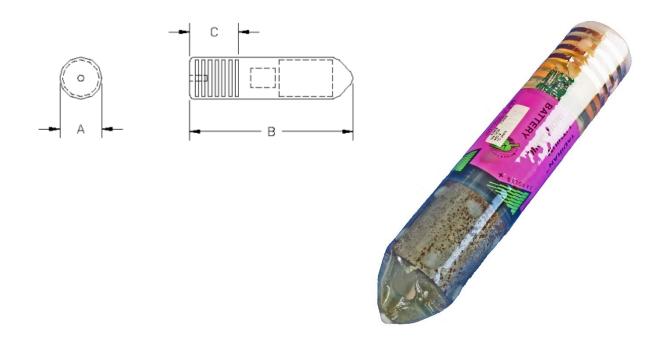
MATS ADVANCED TELEMETRY SYSTEMS

MAMMAL RUMEN IMPLANT

Series M4100



Technical Specifications

Transmitter type: Crystal controlled 2-stage ("B" suffix denotes 3-stage)

Calibration tolerance: ±2.5kHz

Frequency stability: ± 2.5 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%/volt, $\pm 0.01\%$ for temperatures -20°C to +40°C

Battery: Lithium

Activation: By removing magnet

Encapsulation: Electrical resin, water-proof, specific gravity: 1.12

MODEL SPECIFICATIONS									
Model	Battery	Battery	Dimensions			Weight†	Price		
		(days)		(mm)			(grams)	Group	
	3.5V	40 ppm	55 ppm	Α	В	С			
M4120B	D	3796	2816	38	175	40		460	E

3-Stage transmitter limited to 148-218MHz range.

Factors other than battery capacity may reduce life.

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

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