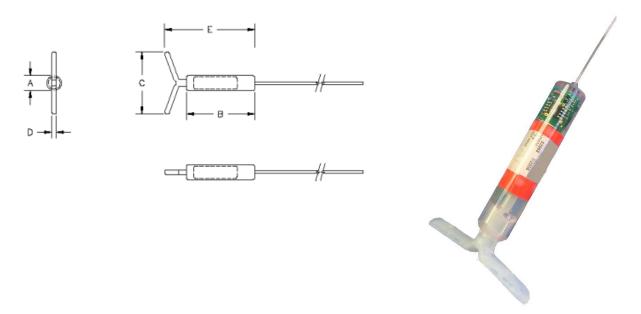
MATS ADVANCED TELEMETRY SYSTEMS

MAMMAL VAGINAL IMPLANT

Series M3900



Technical Specifications

Transmitter type: Crystal controlled 2-stage

Calibration tolerance: ±2.5kHz

Frequency stability: ±2.5kHz, -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

Pulse rate changes from 40 ppm to 80 ppm when temperature is below a given temperature (typically 94°F).

MODEL SPECIFICATIONS										
Model	Battery	Battery	Dimensions					Weight†	Price	
		(da	(mm)					(grams)	Group	
	3.5V	30 ppm	40 ppm	Α	В	С	D	E		
M3930	10-25	-	264	14	63	57	9	76	21	G
M3930U*	10-25	212	-	17	72	67	13	89	23	-
M3960	1/2AA	-	654	19	71	80	14	88	43	Е
M3960U*	1/2AA	329	-	19	72	80	14	89	43	-
M3970	2/3AA	-	787	19	80	150	14	97	50	E

^{* &}quot;U" suffix denotes *Neolink* capability.

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