MyoTrac Infiniti Encoder (SA9800)	
Size (approx.)	102mm x 152mm x 51mm (4” x 6” x 2”)
Weight (approx.)	330 g (11oz) with Batteries
Power Source	4AAA batteries, single use alkaline or Rechargeable battery pack 6V Medical Grade AC wall adaptor 5V USB
Battery Life, Alkaline cells (1200mAh)	3 – 4h typical
Battery Life, Battery Pack (700mAh)	3 – 4h typical
Low-battery warning	Before shut down
ADC output	14bits
Encoder sample rate	2048 samples/second nominal
Encoder channel bandwidth (3dB) Internal EMG amplifier External Sensor Input	 20 – 500Hz DC – 500Hz
Anti-aliasing Filter	4th order Butterworth -3dB at 500Hz
Alias rejection	24 dB typical
Gain accuracy	±0.5 %
Accuracy including external sensor	± 5 % +0.6μV RMS
STIM SETTINGS	**VALID BETWEEN 500Ω to 1kΩ load impedance.**
Stimulation intensity	0mA – 100mA
Stimulation Pulse Rate	2Hz – 100Hz / 12.5Hz – 200Hz (Myotrac Infiniti u-control version)
Pulse Width	50-400μs / 300μs (MyoTrac Infiniti u-control version)
Ramp Time (Up and Down)	0 – 10 sec