

Microstim Supramaximal Nerve Stimulator

The Microstim is a high quality low cost nerve stimulator designed for monitoring the extent of neuromuscular blockade during anaesthesia. Compact size and long battery life are features that commend its routine use whenever a muscle relaxant is given. There is ample power to produce supramaximal stimulation in all patients when used with two ordinary pre-jelled ECG electrodes placed over the ulnar nerve at the wrist.

The Microstim offers the following modes of operation
Single stimuli (0.2ms duration) at 1 second or 0.5 second intervals which over four pulses will produce the classic train of four stimuli.

Tetanic stimuli at 50Hz and 100Hz.

The Microstim can be used for the optimization of repeated doses of muscle relaxant; assessment of residual blockade at the end of surgery as a guide to the dose of anticholinesterase required; regulation of infusion rates of muscle relaxants; the management of long-term relaxant use in the I.C.U.; demonstration of abnormal response to suxamethonium; diagnosis and management of underlying neuromuscular disorders.

Produces stimuli only on demand removing the possibility of the instrument being accidentally left switched on with the corresponding reduction in battery life.