

Myometer

Introduction

Myometer is a hand-held instrument that is used to find out the optimum location to require the signal generated by muscle activity. The acquired EMG signal from the surface of the residual limb is amplified and displayed in the form of bar graph. The level of the bar graph is proportional to the level of EMG signal available at the skin surface. The instrument is useful for the physician to analyze the muscle activity. It can also be used to train the patient to find the best location of EMG electrodes without using the actual prosthesis.

Features

The device has option to show the either RMS or DC correspondence to RMS value of EMG of two channels on the screen or all these values together on the same screen.

Specifications

- Channels : Single Channel EMG
- Output : RMS and DC proportional to RMS
- Output Level : RMS up to 500mV and DC up to 5V

Benefits

- Process cost reduction and indigenous product.
- Affordable to patient with below elbow amputee and for muscle exercises.

Status

Technology transferred to M/s LM Healthcare, Panchkula

