



# KEEPING YOUR NERVE

Neurosign® has a reputation for producing simple, reliable and cost-effective nerve monitors.

The Neurosign® V4 Intraoperative Nerve Monitor continues this tradition, but uses modern technology to deliver a 4-channel intraoperative nerve monitoring solution - helping surgeons to preserve that nerve!

- Workflow leading the user through logical steps to improve efficiency
- 15" color touch screen no stylus required, use your finger
- Stimulator pod allows two stimulating probes to be connected simultaneously
- Color coded channel inputs for easy use with color coded Neurosign EMG needle electrodes
- Trolley system easily manoeuverable with self-contained storage

- Clear signal due to early digitization
- Storage pockets provide storage for pre-amplifier pod, stimulator pod and mute sensor
- Easy to clean no sharp corners, storage pockets can be removed for cleaning
- Servicing replacement of complete assemblies by service trained personnel
- Cost of ownership disposables provide a significant saving against other devices



## **SURGEON PROFILES**

Surgeon profiles allow for personalised configurations to be created and stored in individual profiles. These profiles can be transferred between Neurosign® V4 Intraoperative Nerve Monitors.



### REPORT GENERATION

- Capture screenshots both manually and automatically
- Save raw EMG data for further analysis
- Annotate each event
- Exportable to USB

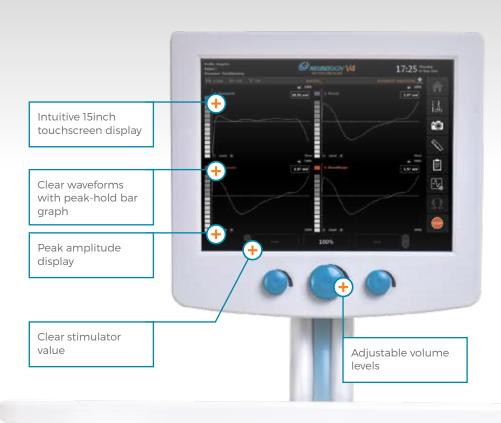


# **SURGICAL PROCEDURE**

Default configurations for various surgical procedures enable rapid start-up.







# Main Features:

- Color coded channel inputs, pre-amplifier pod and onscreen channels - ensure that the correct electrodes are connected to the appropriate channels.
- Impedance checking ensures reliable monitoring during the procedure.
- Primary stimulator for probe, to test tissue and map motor nerves.
- Upgradable pre-amplifier pod allows for additional application options.
- Manual controls to adjust volume and stimulator levels.
- Muting of electrocautery artefact - automatic muting of monopolar electrocautery and instrument-evoked artefacts.

# APPLICATION OVERVIEW

The Neurosign® V4 Intraoperative Nerve Monitor delivers outstanding performance across the following applications.

Mastoid - including Cochlear Implant, Middle Ear Surgeries

Thyroid - including Parathyroid

Parotid - including Submandibular Gland

Skull Base Surgeries - monitoring of V, VII, IX, X, XI, XII

Selective Neck Dissection







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# **Global Distribution:**

Technomed Amerikalaan 71 6199 AE Maastricht-Airport



Manufacturer: The Magstim Company Ltd Spring Gardens, Whitland Carmarthenshire, SA34 0HR

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