NeuralSense

by DyMedix® DIAGNOSTICS

PRECISION SIGNALS. EFFORTLESS WORKFLOW.

ALWAYS INNOVATING™

DyMedix® DIAGNOSTICS

A comprehensive family of neurodiagnostic sensors and electrodes built for superior signal quality and streamlined technologist use.

DYMEDIX.COM

MK-0156

NeuralSense

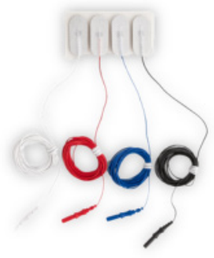
by Dymedix® DIAGNOSTICS

NeuralSense™ is the newest generation of neurodiagnostic sensors from Dymedix Diagnostics, engineered to support the precision, reliability, and workflow demands of modern EEG, EMG, Evoked Potential and intra operative monitoring environments.

The NeuralSense portfolio includes adhesive biopotential surface electrodes, highly affordable gold cup EEG electrodes providing consistently low impedances, ultra sensitive PVDF movement sensors for muscle and extremity movement monitoring, and respiratory sensors that integrate seamlessly into neurodiagnostic workflows.

With fully disposable designs that support infection control initiatives and PVDF technology that excels at detecting subtle movement and vibration, NeuralSense delivers both clinical performance and practical efficiency. It's a comprehensive sensor solution built to elevate the quality of neurodiagnostic testing while simplifying the technologist's day to day practice.

PRECISION SIGNALS. EFFORTLESS WORKFLOW.



DISPOSABLE ADHESIVE SURFACE ELECTRODES

FLEXPRO BIOPOTENTIAL ELECTRODES are completely disposable, self-adhesive electrodes featuring a highly conductive gel designed for use in neurodiagnostic testing.

APPLICATIONS:

- Surface Electromyography (EMG)
- Patient Reference / iso-ground
- Electrooculography (EOG)
- Polysomnography (PSG)
- Electrocardiography (ECG)
- Mastoid Process Reference (A1, A2)

MOTIONWAVE™ DUAL EMG PATCH is the only completely disposable pre-measured dual EMG electrode patch. No snaps and no lead wires to clean. Use it once and discard the entire sensor, wires and all.

DUAL SNAP EMG ELECTRODE PATCH
is used for detecting EMG in a variety of physiological placements including extremity EMG and respiratory intercostal EMG. The electrodes are spaced 1 cm apart to reduce ECG artifact. Compatible snap leads come in a variety of lengths.

DISPOSABLE EEG ELECTRODES

PRECISION GOLD™ DISPOSABLE EEG ELECTRODES are gold-plated EEG cup electrodes at a very affordable price. Designed with a flat rim and rounded edges for exceptional patient comfort, especially during extended monitoring. Includes a flexible and durable hub connector with strain relief. Available in 4 different lengths.

DISPOSABLE MUSCLE MOVEMENT SENSOR

MYOFLEX MOVEMENT PATCH is a single use adhesive mechanomyography (MMG) sensor engineered with PVDF technology to capture even the slightest motor evoked potentials (MEPs), or extremity tremor movements with exceptional precision.

APPLICATIONS:

- Neuromuscular blockade monitoring during anesthesia and other IONM workflows
- Peripheral nerve integrity testing used in ORs or pain clinics
- Tremor detection and monitoring for evaluation of neurodegenerative conditions
- Muscle physiology research

Requires companion interface cable – sold separately

DISPOSABLE RESPIRATORY EFFORT SENSOR

FAST TRACK EFFORT PACK is a completely disposable respiratory effort monitoring solution. Adding respiratory effort data to EEG montages assists in identifying respiratory movement artifact during EEG recordings. Using PVDF technology, each FastTrack Effort Belt incorporates our cut-to-size Button-Hole strap system. Just Plug and play, Throw it Away. Requires companion interface cable-sold separately.

DISPOSABLE AIRFLOW SENSOR

TRIPLEPLAY PVDF AIRFLOW SENSORS can be used to document nasal/oral airflow waveforms. Like respiratory effort belts, the TriplePlay airflow sensor can assist in identifying respiratory movement artifact within EEG data. The disposable TriplePlay is a much smaller profile sensor and may be more comfortable compared to an effort belt for younger and more sensitive patients. Requires companion interface cable-sold separately.