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MK-0141

## Duitedix **DISPOSABLES**

#### DYMEDIX.COM • 888.212.1100



## **PIONEERING INNOVATIVE SLEEP DIAGNOSTIC SENSOR SOLUTIONS FOR OVER 20 YEARS**

In the field of sleep medicine, obtaining accurate and reliable data is paramount for proper diagnosis and treatment. This is the driving force behind Dymedix Diagnostics, a company that has been at the forefront of developing innovative diagnostic sleep sensors and electrodes for clinical sleep studies. Dymedix's origins can be traced back to the discovery of a material called polyvinylidene fluoride (PVDF).

"PVDF is now becoming a more and more recognized acronym within the sleep community. PVDF is a material that generates its own electrical signal when stimulated by temperature change, movement, vibration, tension or pressure," explains Todd Eiken, RPSGT, FAAST Vice President of Product Development. "So it's the perfect material for monitoring many kinds of physiological signals."

This technology has provided an opportunity to elevate sleep disorder testing centers to the next level. Over the years, Dymedix has grown exponentially, now offering the most comprehensive line of sleep diagnostic sensors available.

Dymedix's commitment to innovation extends beyond its core technology, with the company offering an extensive range of disposable sleep sensor options. One of the key advantages of PVDF is its thin, film-like construction, which lends itself perfectly to single-use, disposable sensors. The emphasis on disposable solutions has become especially important in response to COVID-19, as many sleep labs have shifted towards eliminating the risk of cross-contamination.

Looking ahead, Dymedix remains committed to its "always innovating" philosophy, with a strong focus on its recently introduced disposable sensor kit products.

"There are so many advantages to using the Dymedix CompletePlus Disposable PSG Sensor Kit, not only because of the ease of use for technologists when setting up the patient for testing, but also there are advantages when it comes to ordering and maintaining inventory of these multiple sensors," Eiken says.

Further, the company's latest innovation in this arena is the MyCustomPSG Kit, which allows users to handpick the specific sensors they prefer in the kit. This provides yet another tailored solution to meet individual needs and preferences.

We hope this Dymedix Disposables brochure provides you with a few reasons to get to know Dymedix Diagnostics better. Whether you are a current customer, potential new customer, or a distributor, we look forward to working together with you to bring innovation to the sleep testing community.

## SIMPLE. SENSITIVE. COMPLETELY DISPOSABLE

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#### DISPOSABLE EMG & MOVEMENT SENSORS

wires and all.

**DISPOSABLE** RESPIRATORY EFFORT BELTS



**ACCUSNORE<sup>™</sup>** is the ONLY disposable snore sensor available. Using PVDF technology the AccuSnore<sup>™</sup> sensor provides superior sensitivity compared to conventional piezo snore sensors. Adhesive backing allows for multiple placements during testing to ensure accurate capture of snoring activity.

MOTIONWAVE<sup>™</sup> 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.





#### **DISPOSABLE** AIRFLOW SENSORS



**TRIPLECHIN<sup>™</sup> EMG PATCH** A completely disposable chin EMG electrode patch. Three electrodes perfectly spaced with an adhesive backing for easy application and reliable EMG signals. Available in both adult and pediatric sizes.

### **DISPOSABLE** EEG ELECTRODES



#### **FAST TRACK<sup>™</sup> EFFORT PACK**

is the first and only completely disposable respiratory effort solution. Each FastTrack<sup>™</sup> Effort Pack includes single use Chest and Abdomen effort belts incorporating our cut-to-size Button-Hole™ strap system. Plug and Play, Throw it Away.



#### **PERFECTFIT 3D<sup>™</sup> EFFORT SYSTEM**

is an affordable respiratory effort system that incorporates PVDF effort modules with Button-Hole<sup>™</sup> connectors to where disposable effort belt material is connected. PerfectFit 3D<sup>™</sup> is a perfect semi-disposable solution for PSG and HST respiratory effort applications. Half the cost of RIP.

#### **SNUGGLEFIT<sup>™</sup> INFANT EFFORT**

**SYSTEM** is a disposable respiratory effort system designed specifically for infants. The SnuggleFit<sup>™</sup> responds to both strain and pressure making it extremely sensitive, and incorporates our disposable cut-to-size Button-Hole™ disposable belt material.

#### **TRIPLEPLAY<sup>™</sup> PVDF AIRFLOW**

**SENSORS** Extreme sensitivity and response time. Responds to changes in both temperature and pressure providing accurate detection of Apnea, Hypopnea, UARS and Snore, all with one sensor. Designed for use with a TriplePlay FM airflow filtration module.

#### **PRECISION GOLD<sup>™</sup> DISPOSABLE**

**EEG ELECTRODES** Disposable 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.

# YOU CAN HAVE IT AL

### **CompletePlus**

= DISPOSABLE PSG SETUP KIT A Complete Collection of Disposable **Electrodes and Sensors for Single Patient PSG Testing** 

equires the CompletePlus Interface Kit (not included

ALWAYS INNOVATING

**CompletePlus** DISPOSABLE PSG SETUP KIT

Get the complete collection of Dymedix disposable sensors in one grab-and-go PSG setup kit. CompletePlus kits are available individually or in 20 or 40-kit boxes.



DYMEDIX® DISPOSABLE SENSORS



Create a kit that fits. Start with our core kit, and customize with add-ons that meet your needs. Contact your distributor or visit dymedix.com to create your custom PSG kit.