**NEW! XactTrace Universal – Comfortable, Reliable and Cost Effective**

The XactTrace Universal belt is a one-size fits all, reusable effort tracing sensor providing a custom fit for every patient being tested on Embla, as well as other PSG systems. XactTrace belts, featuring Respiratory Inductive Plethysmography (RIP) technology, deliver highly sensitive and reliable respiratory effort tracings. The XactTrace Universal Sensor includes LED status indicators and requires no additional modules or calibration. This easy to adjust, comfortable belt facilitates the switch from piezo with minimal cost due to the one-size fits all design. XactTrace Universal provides an excellent signal regardless of body position.

**The XactTrace Universal Advantage**
- Superior signal quality
- Easy to use and adjust
- One size fits all belt reduces cost and inventory
- No additional modules necessary
- Cost effective
- No calibration necessary

*Polarity of the tracing is always consistent eliminating false paradoxing.*

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<th>Item No.</th>
<th>Name</th>
<th>Description</th>
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<tr>
<td>1421091</td>
<td>XactTrace Universal Kit</td>
<td>Standard*</td>
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*XactTrace Universal – May be used with Embla’s A10, Artisan and Monet amplifiers, as well as other PSG systems with the following specifications:
- Channel input impedance of 1MΩ or higher
- Connector type is 1.5mm touch proof
- Signal level in the range of 0.5 – 11 mVp-p
- Channels complying with the isolation requirements of IEC 601-1*
Reusable and Single-Use Options, Derived Traces

In addition to eliminating false paradoxing, additional derived channels are available when XactTrace belts are used with Embla’s Rembrandt® and Somnologica™ software platforms.

The Embla Software Advantage

- **XFlow™** is a semi-quantitative measure of inspiratory and expiratory flow, providing a complementary flow signal for studies without airflow sensors. X-flow is a reliable backup and great tool for titrations.

- **XSum™** is the summation of the abdominal and thoracic signals providing a semi-quantitative measurement of lung volume.

- **RMI™** (Respiratory Mechanics Instability) is a proprietary algorithm that assesses the severity of Sleep Disordered Breathing by analyzing the phase relationship between the abdomen and thorax.

- **Phase Analysis** displays (in degrees) the phase relationship between the abdomen and the thorax for evaluation and analysis of paradoxical breathing.

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For a comprehensive understanding of the XactTrace™ system and its applications, please refer to the product manual and contact Embla for support and training.