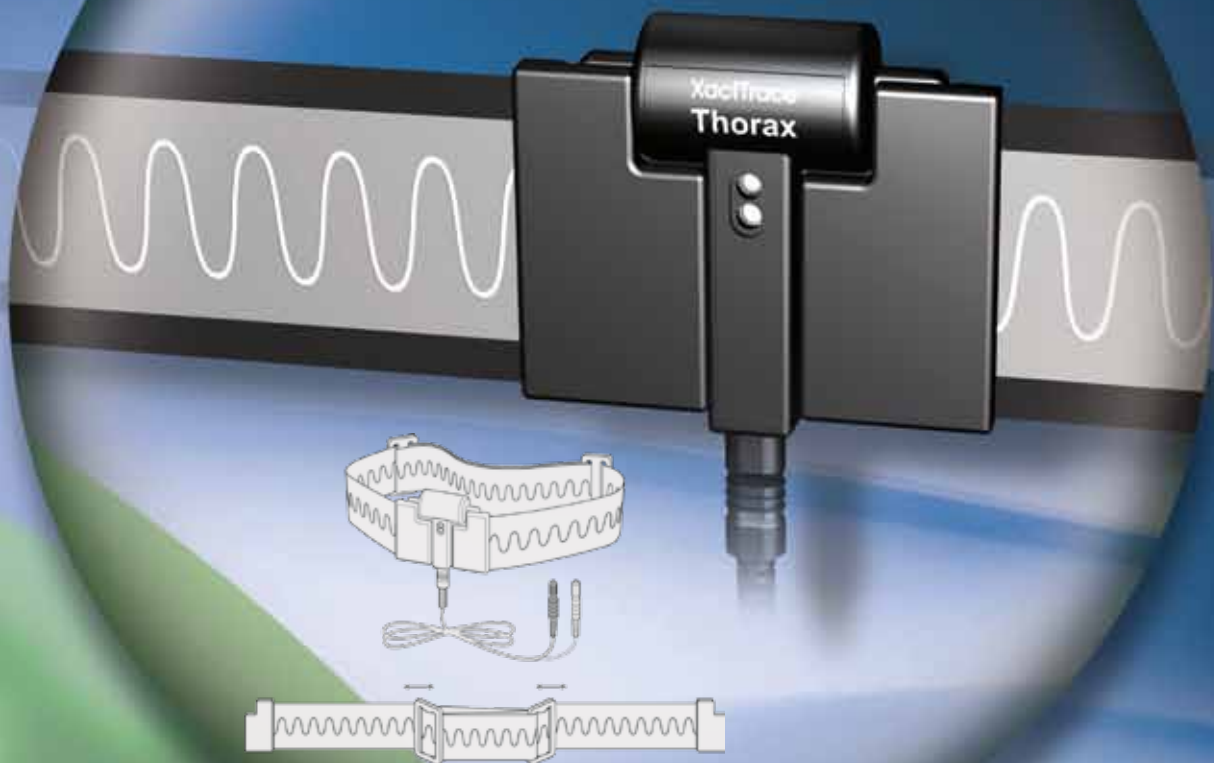


# XactTrace™

## UNIVERSAL RESPIRATORY EFFORT BELT



### THE XACTTRACE UNIVERSAL RESPIRATORY EFFORT BELT ADVANTAGE

- Interface to any sleep diagnostic system including Sandman
- Superior signal quality
- Easy to use and adjust
- No additional modules
- Cost effective
- No calibration necessary
- One-size fits all belt reduces cost and inventory

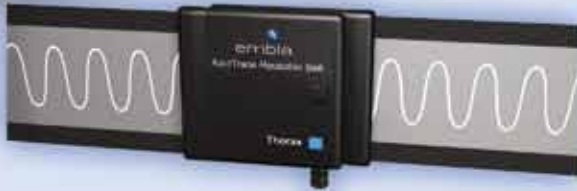
\*May be used with PSG systems containing the following specifications:

- Channel input impedance of 1M $\Omega$  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

### Comfortable, Reliable and Cost Effective

The XactTrace Universal Effort Belt is a reusable, one-size fits all effort sensor that provides a custom fit for any patient and interfaces with all PSG systems. This easy to adjust belt features a LED status indicator and a streamlined single component design with no additional modules or calibration required. XactTrace Universal Effort belts also feature AASM recommended RIP technology and provide excellent signal quality regardless of body position.

Item No.	Name	Description
1421091	XactTrace Universal Kit	One size fits all



Embla Reusable Respiratory Effort Belt



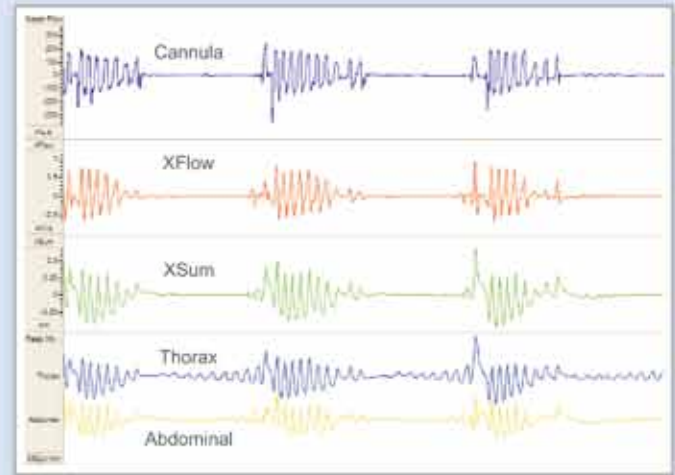
Embla Single Use Respiratory Effort Belt

## Reusable and Single-Use Options Available

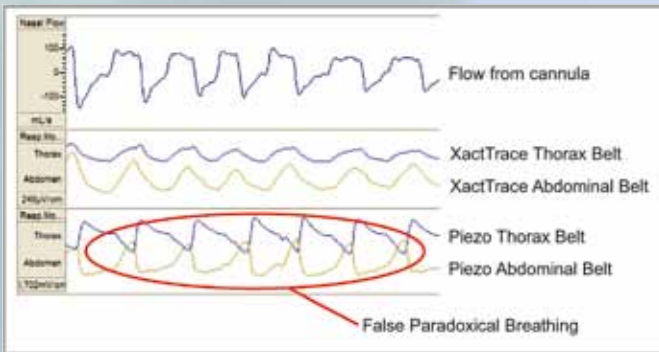
For use with Embletta® and Embla PSG Amplifier Line

In addition to eliminating false paradoxing, additional derived channels are available, including:

- XFlow™ is a semi-quantitative measure of inspiratory and expiratory flow, providing a complementary flow signal for studies without airflow sensors. XFlow 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.



Example of derived Xflow and XSum signals when used with Embletta and Embla line of PSG amplifiers



Polarity of the trace is always consistent, eliminating false paradoxing.

Item No.	Name	Description
1421000	XactTrace Single-Use Rolls	(65.6ft/20m)
1421020	XactTrace Single-Use Lock	Abdomen
1421022	XactTrace Single-Use Lock	Thorax
1421032	XactTrace Reusable Belt	Small Abdomen
1421033	XactTrace Reusable Belt	Small Thorax
1421034	XactTrace Reusable Belt	Medium Abdomen
1421035	XactTrace Reusable Belt	Medium Thorax
1421036	XactTrace Reusable Belt	Large Abdomen
1421037	XactTrace Reusable Belt	Large Thorax

\*Single-Use belts available for Embletta and Embla Line of PSG amplifiers only

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Caution: U.S. Federal law restricts this device to sale by, or on the order of, a physician. The Embla quality system is certified in accordance with ISO 9001, ISO 13485:2003 and the Canadian CMDCAS, and fulfills the requirements of the European Directive and the U.S. Quality System Regulations for medical devices. Embla, Embletta, Sandman, and REMbrandt are registered trademarks of Embla Systems, Inc. RemLogic, Enterprise, titanium, N7000, S4500, SD20, SD32+, XactTrace, XFlow, and XSum are trademarks of Embla Systems, Inc.