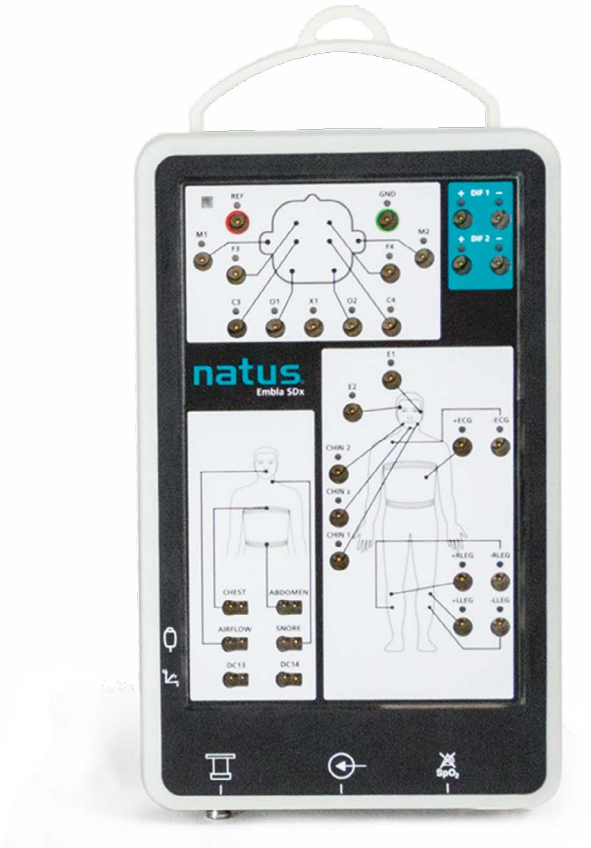
Embla® SDx

Durable, reliable and easy-to-use PSG amplifier



The **Embla® SDx PSG** amplifier features a simplified design that includes a colour-coded input panel to optimize efficiency during the patient set up process.

This dual component system requires minimal cabling, has been specifically designed to complement workflow and complies with AASM guidelines.

The **Embla® SDx** is so robust and reliable, you will be expanding on this platform for years to come.

- The workhorse of the PSG lab. Intuitive and ergonomic design, this is the amp that will outperform your expectations.
- Interfaced with the Natus Base, the SDx provides a wired solution for your PSG collection needs.
- Flexible. Need more EEG? Just remove the SDx headbox from its cable and replace it with the NDx for full PSG with 10/20 EEG recording.
  No need for dedicated rooms or equipment for expanded EEG sleep recordings.

natus neurology

Stowood

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www.stowood.com
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Reliable and durable

- Designed to reject signal interference
- Records up to 39 channels
- Streamlined dual component design
- Minimized cabling increases patient comfort
- Integrated steel luer lock pressure transducer

Intuitive design

- Colour-coded input panel featuring patient layout
- Supports and accelerates the training process
- One step disconnect simplifies unhooking the patient
- 2-pin sensor inputs reduce hookup time and ensure polarity

Powerful, flexible PSG software

- Industry leading and AASM compliant PSG software
- Innovative tools to save time and optimize study quality
- Designed around common tasks and natural workflow
- Additional derived signals including flow, lung volume and RMI, when Embla® XactTrace effort belts are used

The Embla® sensor advantage

- Complete line of sensors and supplies available at www.stowood.com
- Unparalleled accuracy with Embla® XactTrace respiratory effort belts featuring XFlow™ -- a reliable derived flow signal in the event of an absent or lost airflow signal
- Optimal sensor cable lengths available

Technical specifications

Channels

- 9 x EEG
- 2 x EOG
- 3 x EMG
- 1 x EKG
- 4 x General purpose
- 1 x Thermistor
- 1 x Snore
- 1 x Body position
- 2 x Respiratory effort
- 1 x Pressure transducer
- 1 x Oximeter
- 6 x Isolated DC channels + event channel

Derived tracings

- Flow (nasal cannula)
- Snore (nasal cannula)
- Flow limitation / Flattening (nasal cannula)
- R-R Intervals (EKG)
- SpO_2 Average
- SpO_2 Beat-to-beat
- Pulse rate
- Pulse waveform
- Heart rate (EKG)
- Tidal volume*
- XFlow*
- X-Sum™*
- Phase*
- Respiratory rate*
- RMI*

*XactTrace Belt

Sampling rates

- SDx samples up to 512 Hz
- Software allows user to select sampling rates by channel type

Communication interface

Natus Base specifications

- Supported with Embla® RemLogic PSG Platforms
- Offers a high quality colour touch screen for interfacing
- Standard RJ45 ethernet connection
- Supports adult and paediatric studies
- 6 isolated auxiliary DC channels for external devices such as $ETCO_2$ and pH
- Allows digital video camera and sound
- Event channel and night light

Service

Stowood is committed to providing exemplary service to our customers. Our dedicated and experienced Customer Service Team will assist with every aspect of an order. To support our products, we provide factory-trained specialists for on site support. Additionally, we provide an in-house Technical Support Team, staffed with experts. Allowing our customers more time to care for their patients is our goal. Customer loyalty is our reward.

Supplies

Stowood offers a full range of neurodiagnostic accessories and supplies promoting patient comfort. Our dedicated Customer Service Team provides a streamlined order and shipping process to save you time and money.

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