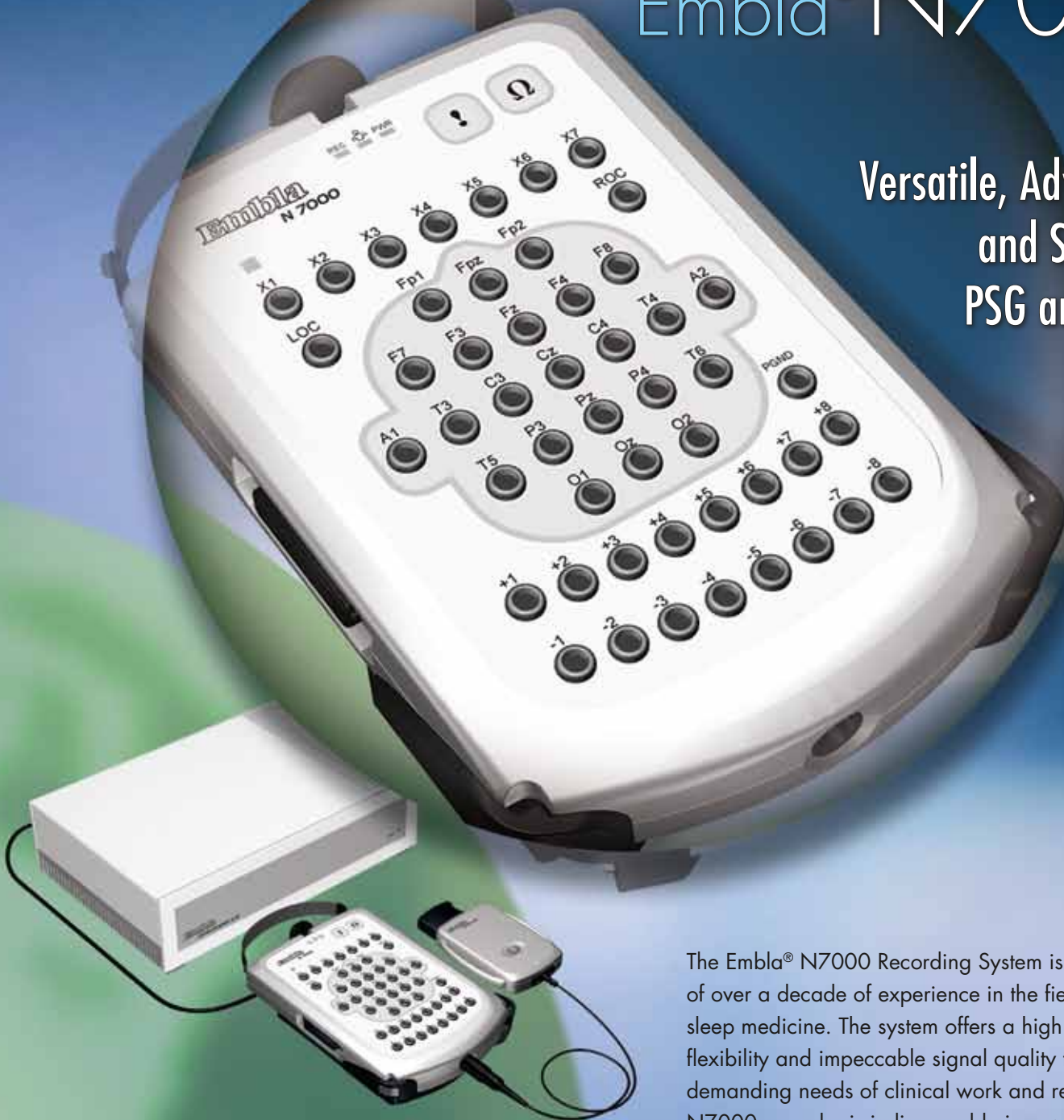


# Embla® N7000

Versatile, Advanced,  
and Superior  
PSG amplifier



The Embla® N7000 Recording System is a result of over a decade of experience in the field of sleep medicine. The system offers a high degree of flexibility and impeccable signal quality to meet the demanding needs of clinical work and research. The N7000 recorder is indispensable in a wide range of settings and represents the integration of advanced digital technology and precision engineering into an ergonomically designed PSG and EEG system.

## ADVANCED AND SUPERIOR

- Designed for routine and expanded sleep protocols, with up to 60 channels and routine EEG functionality
- Ideal for routine sleep studies and research applications
- Two year hardware warranty

## VERSATILE DESIGN

- The patient interface of the N7000 consists of the Bedside Unit and the Patient Unit - both are lightweight and feature quick-disconnect for easy patient mobility
- The clinically enhanced Patient Unit greatly reduces cabling requirements for signals such as respiratory effort, snoring, flow and SpO<sub>2</sub>
- The Bedside Unit can be comfortably worn by the patient with a strap attachment for mobility

## POWERFUL AND FLEXIBLE PSG SOFTWARE

- Industry leading and AASM compliant
- 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 24/7 at [www.shopembla.com](http://www.shopembla.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

## EMBLA N7000 SPECIFICATIONS

- Total of up to 60 channels of recording including:
  - 32 Referential channels (EEG, EOG)
  - 8 Bipolar channels ( EKG, EMG)
  - 11 Auxiliary channel inputs
  - 1 Event channel
  - 8 DC channels
- Integrated impedance check
- Wide range of selectable sampling rates
- Integrated ambient light detector
- N7000 samples up to 2000 Hz
- User selectable up to 2000 Hz

## DERIVED TRACINGS

Flow (Nasal Cannula)	XFlow*
Snore (Nasal Cannula)	XSum*
Flow Limitation / Flattening (Nasal Cannula)	Tidal Volume* Phase*
Heart Rate (EKG)	Respiratory Rate*
R-R Intervals (EKG)	RMI*

\*When XactTrace respiratory effort belts are used

## COMMUNICATION UNIT SPECIFICATIONS

- Standard RJ45 Ethernet connection with Category 5 cable
- Supports adult and pediatric studies
- 8 isolated auxiliary DC channels for external devices such as ETCO<sub>2</sub> and pH

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Caution: U.S. Federal law restricts this device to sale by, or on the order of, a physician.  
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