

Versatile, Scalable,
Modular and Affordable -
You have to see
it for yourself!



Embletta[®] MPR

The Future of Sleep Recording

Technology that Adapts to Your Changing Requirements

Pioneered by Embla in the original Embletta, the Proxy comes of age in the Multi Parameter Recorder with the ST and ST+ Proxies

OCST Taken to the Next Level

By simply adding the ST Proxy to the MPR PG you have all the information you need to stage sleep and determine Sleep Time. True AHI calculation based on True Sleep Time

On Screen Signal Review Takes the Guess Work Out of Signal Quality

By visually confirming the signal quality, you ensure the best possible recording while the patient is in their own bed and outside your ability to intervene

Full Level I and Level II Testing

The ST+ Proxy expands the MPR PG with its Tx Therapy Proxy, into a full Level I PSG system. 6 additional EEG channels, 2 EOG, 3 Chin EMG channels, 2 Limb Movement and 1 ECG in addition to the 22 Channels of the MPR PG with Tx Proxy... with all of the derivative channels, a total of 65 channels of data.

View on Line or After the Fact

The ST+ Proxy allows you turn your Level III portable into a fully functioning Level I PSG system by adding just a computer and video camera. Used in a laboratory, ICU or patient room the MPR PG with ST+ provides the most cost effective system configured for full PSG available today.

Technical Specifications

ST Proxy Technical Specifications

Signal Recording	Properties
Sampling Rate	500 Hz all channels
Resolution	24 bit
Recorded Channels	8; EEG (C3, C4), EOG1, EOG2, EMG (Chin, Right Leg, Left Leg), ECG.
Accuracy of calibrated channels	± 3%
Noise Level	1µV typical
Power Supply	
Power supplied by Embletta MPR PG via ST/ST+ Interface Cable	
Dimensions	Properties
Size (length x width x height)	83.0 mm x 74.6 mm x 19.8 mm (3.26" x 2.9" x 0.78")
Weight	115 g (4.0 oz)
Used Materials	Properties
Enclosure	PC/ABS
Endcap mold	Polyamide
Internal	Copper
Environmental Usage	Properties
Typical Operating Temperature	10° C to 40° C (50° F to 104° F)
Storage / Transfer Temperature	0° C to 50° C (30° F to 120° F)
Storage / Transfer Pressure	Withstands atmospheric pressure from 0.5 to 2 bar
Operating Humidity	0 to 90% (non-condensing)
Regulatory Information	Properties
Device Class	Class 2a, Rule 10
Safety Approvals	IEC 60601-1

ST+ Proxy Technical Specifications

Signal Recording	Properties
Sampling Rate	500 Hz all channels
Resolution	24 bit
Recorded Channels	16; EEG (C3, C4, F3, F4, O1, O2, M1, M2), EOG1, EOG2, EMG (ChinL, ChinC, ChinR, Right Leg, Left Leg), ECG.
Accuracy of calibrated channels	± 3%
Noise Level	1µV typical
Power Supply	
Power supplied by Embletta MPR PG via ST/ST+ Interface Cable	
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