



The Future of Sleep Recording

Economy of Scale

A Family of Amplifier/Recorders that goes from the home to the lab in a “snap”

Bio-Sensor Auto Start

No lost recordings because a patient forgets to push a button

Wireless Integration of ResMed APAP

Whether auto titration or verification of therapy efficacy, our wireless TX Proxy provides an elegant and simple interface

Enterprise Practice Management Supported

Track your HST studies and your PSG studies in the same powerful data management software

Technical Specifications

	 Embletta MPR	 Embletta MPR PG	 TX Proxy Unit
Sampling Rate (Hz)	8000	8000	500
Storage Rate (Hz)	up to 500	up to 500	up to 50
Resolution (bit)	24	24	16
Recorded Channels	7; Pressure, Sound, Gravity (X/Y/Z), Battery, Event Button	12; Pressure, Sound, Gravity (X/Y/Z), bipolar ExG, Thermistor, Thoracic Effort (RIP), Abdominal Effort (RIP), DC (0 – 1 V), Battery, Event Button	8; Differential Pressure, 6 x DC (-5/+5V), Ambient Light
Recorded Channels Pulsoximeter	7; SpO2, SpO2 B-B, SpO2 Quality, Pulse Rate, Plethysmogram, RD Quality, PPG	7; SpO2, SpO2 B-B, SpO2 Quality, Pulse Rate, Plethysmogram, RD Quality, PPG	n/a
Derived Signals	7; Nasal Flow, Mask Pressure, Snore, Sound Amplitude, Body Position, Activity, Elevation (multiple additional traces derived by software)	7; Nasal Flow, Mask Pressure, Snore, Sound Amplitude, Body Position, Activity, Elevation (multiple additional traces derived by software)	Ability to record Flow/Pressure/Leak Data from various ResMed Therapy devices
Internal Memory	2GB	2GB	2GB
Power Supply Properties	2 x AA batteries, standard alkaline or rechargeable	2 x AA batteries, standard alkaline or rechargeable	Friwo FW7660M/05
Recording Time	24 hours (typically)	24 hours (typically)	n/a
Size (length x width x height)	107mm x 67mm x 19mm (3.9" x 2.4" x 0.4")	107mm x 79mm x 19mm (3.9" x 2.8" x 0.4")	115mm x 110mm x 26mm (4.5" x 4.5" x 1")
Weight	141g (5.0oz) including batteries	153g (5.4oz) including batteries	160g (5.5 oz.)
Typical Operating Temperature		16°C to 37°C (60°F to 100°F)	
Storage / Transfer Temperature		0°C to 50°C (30°F to 120°F)	
Wireless Link	n/a	Bluetooth Low-Energy	Bluetooth Low-Energy
Device Classification MDD		Class 2a, Rule 10 Safety Approvals IEC 60601-1	


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