

PolyWatch

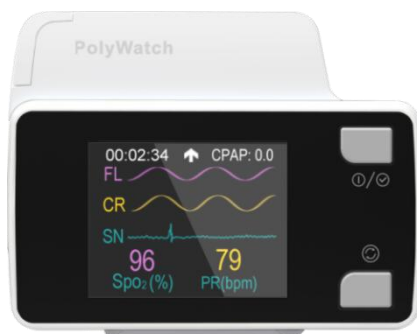
Portable Sleep Diagnostic System & Screener



The small and light sleep screener provides simple, cost-effective and reliable results. And its performance and functional characteristics include all the user-friendly features.

Parameters	Sleep Screener YH-600 Pro	Portable Sleep Diagnostic System YH-600B Pro
SpO ₂	•	•
Pulse rate	•	•
Airflow	•	•
Snore	•	•
Wrist movement	•	•
CPAP Pressure	•	•
Thorax/ Abdomen effort	◦	•
Body position	◦	•

◦: Optional •: Available



- Watch style, light weight, easy to use
- Colorful OLED, real-time waveform display
- Thorax/Abdomen movement detects CSA (optional)
- Automatic sleep/wake identification from wrist activity
- Smart connections indication
- Countdown setup for record
- Multiple data retrieval (USB/Bluetooth/TF card)
- Validate & concise report
- Automated analysis



Technical Specifications

SpO₂

Range 0%~100%

Pulse rate

Range 30~250 bpm

Wavelengths

Red 663 nanometers

Infrared 890 nanometers

Maximal Optical Output Power Less than 1.5 mw maximum average

Airflow waveform

Frequency 10~40 times per minute

CPAP pressure

Rang 4~20 hPa

Snore 150~300 Hz

Thorax/Abdomen effort (For YH-600B Pro)

Range 10~40 times per minute

Body position (For YH-600B Pro)

Supine position, sleep on left or right side, and prone positions can be detected

Wrist movement (sleep/wake)

Automatic sleep-awake identification from wrist movement

Temperature

Operation 5 °C~35 °C

Storage/Transportation -20 °C~55 °C

Humidity

Operation ≤ 80% (non-condensing)

Storage/Transportation ≤ 93% (non-condensing)

Atmospheric pressure

Operation 860~1060 hPa

Storage/Transportation 700~1060 hPa

Power supply DC 1.5V ± 0.15V (1×1.5V R6 AA)

Minimum record duration No less than 8 hours

Data storage 64 records can be stored on TF card

Dimensions 78 mm × 60 mm × 21 mm (main device)

Weight 75g (main device without battery)

Type of protection against electrical shocks

Internal power supply

Classification of protection against electrical shocks

Type BF applied part

Waterproof rating IP22

Working mode Continuous operation

Manufacturer: BMC Medical Co., Ltd.

NOTE: Specifications subject to change without prior notice.