



AP-20

Sleep Screener

SpO₂

| | |
|--------------------|-----------------------------------|
| Transducer | Dual-wavelength LED |
| Display range | 0~100% |
| Measuring accuracy | Arms ≤3% (range from 70% to 100%) |

Pulse Rate

| | |
|--------------------|---------------------------------------|
| Measuring range | 30bpm~250bpm |
| Measuring accuracy | ±2bpm or ±2% (whichever is greater) |
| Resolution | 1bpm |

Perfusion Index Display

| | |
|------------------|----------|
| PI display range | 0.2%~20% |
|------------------|----------|

Preset Alert Limits

| | |
|----------------------------------|--------|
| SpO ₂ low alert limit | 85% |
| PR high alert limit | 120bpm |
| PR low alert limit | 50bpm |

Oral-nasal Air Flow

| | |
|-------------------|---|
| Measuring method | Oral/nasal air flow pressure |
| Air flow waveform | Wireless transmitting rate of 50Hz Data recording rate of 25Hz |
| Snore waveform | Wireless transmitting rate of 50Hz Data recording rate of 25Hz |

Respiration Rate

| | |
|--------------------|---------------------------------------|
| Measuring range | 6~60rpm |
| Measuring accuracy | ±2rpm or ±5% (whichever is greater) |

Physical Data

| | |
|------------|-----------------------|
| Display | 1.44 inch LED display |
| Dimensions | 56mm×44mm×16mm |
| Net weight | 40g |

Power Supply

| | |
|----------------------------|------------------------------------|
| Battery voltage | 3.70VDC |
| Operating current | ≤40mA |
| Working time (display off) | >18hours |
| Charger | 100-240VAC input, 5VDC/1.2A output |

Wireless

| | |
|----------------|----------|
| Frequency band | 2.4GHz |
| Version | BLE V4.0 |

Data Storage and Upload

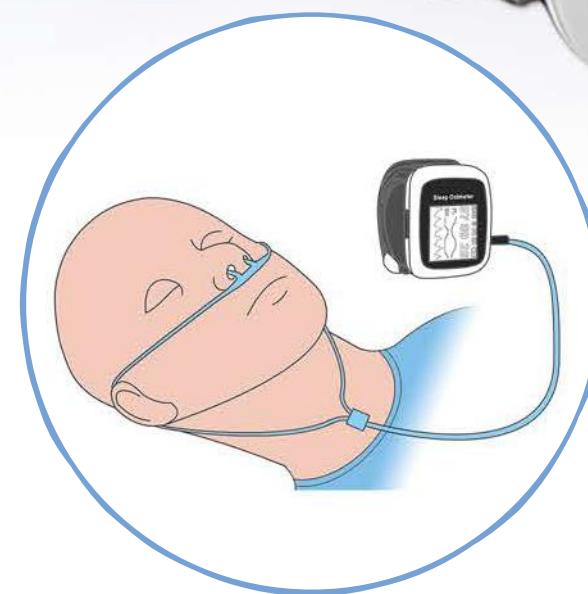
| | |
|--------------|--------------------------------------|
| Data Storage | >70 hours |
| Data Upload | USB interface or wireless(Bluetooth) |

Operating Environment

| | |
|-----------------------|--------------|
| Operating temperature | 5~40°C |
| Operating humidity | 15%~93% |
| Atmospheric pressure | 70kPa~106kPa |

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Sleep Screener

Recording your every sleep

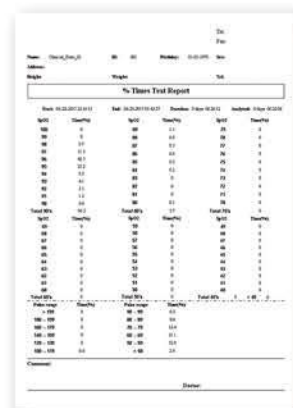
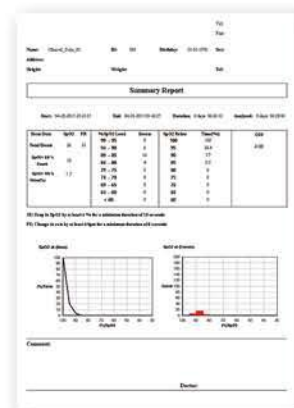
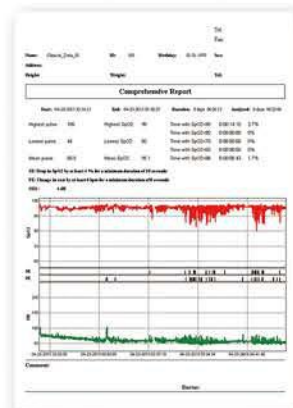


MoveOxy[®] SpO₂ technology

- Accurate monitoring against low perfusion
- Reliable monitoring against motional situation
- Sensitive monitoring against weak pulse signal

Professional analysis software

The data management software allows user to manage, review and analyze the records in trend, graph and statistic. The printout of the reports provide intuitive view of pre-screening sleep studies.



Features

- Wearable design with 1.44 inch display for sleep monitoring
- Simply measure SpO₂, PR, Respiration rate, Air flow and Snoring
- Data export to PC by USB cable with analysis software and printout
- Body movement can be recorded and reviewed in the software
- Power saving mode with display off, brightness adjustable
- Visible/Audio and vibration alarm
- Data storage up to 72 hours
- Bluetooth optional