



Alice
Portable Diagnostics

Category:
Home sleep testing

Alice PDx



1043941 Alice PDx device kit
(US/Canada)

Convenient and easy home sleep testing

The **Alice PDx** helps meet the challenges of home sleep testing. With patient-friendly features to help make the application process go smoothly, and the patented **Good Study Indicator** that provides a visual display of good quality data, home sleep testing can be done easily.

Versatile device

- Meets or exceeds AASM/CMS HST device guidelines
- Scalable from three sensors to full Type II testing
- Integrates with Philips Respironics sleep therapy devices for at-home sleep evaluation

Cost efficient

- Low cost per study
- Conveys amount of good quality data collected to help reduce or avoid re-testing expenses

Easy for providers and patients

- Easy-to-read LCD sensor display, color-coded labels and colored sensor connectors
- “How to” DVDs for providers and patients

Alice PDx advantages

- Patented Good Study Indicator
- LCD display for patient set up confirmation
- Color-coded sensor labels
- Durable design for heavy use
- Simple HST software application
- Scalable device

The Alice PDx includes:

- Alice PDx device and carrying case
- Sleepware G3 software
- Serial USB communication cable
- USB SD card reader
- 4 GB SD card
- Device holster and lanyard
- Starter sensor kit:
 - 2 Pro-Tech zRIP effort belts
 - Oral thermal sensor
 - Pressure cannulas (5-pack)
 - Nonin oximeter
- 2-year device warranty
- Unlimited software updates and site licensing

PHILIPS

RESPIRONICS

Specifications

Total channels:	Up to 21 with optional ECG and ExG yokes
Base channels:	10 channels: pressure-based flow (w/snore) and thermal airflow, zRIP effort (2), body position, SpO ₂ (also pleth and pulse rate) and patient marker. Up to eight parameters from Respironics therapy devices may be acquired, including pressure, flow and leak.
Optional yokes/ channels:	ECG yoke; 7 channels: 3-lead ECG providing 3 measured and 4 derived channels ExG yoke; 7 channels: 4 neuro channels (EEG or EOG) and 3 differential EMG, plus references and ground
Input impedance:	ECG: 10MΩ per electrode 20MΩ differential EEG: 2MΩ per electrode 4MΩ differential EMG: 2MΩ per Electrode 4MΩ differential
Bandwidth:	ECG: 0.318Hz to 81Hz EEG: 0.318Hz to 35Hz EMG: 9.7Hz to 86Hz
Input signal range:	ECG: +/- 4mV EEG: +/- 500uV EMG: +/- 150uV
Digital resolution:	Up to 16 bits
Initial sample rate:	Up to 1,000 Hz
Max storage rate:	200 Hz for ECG/ExG, 100 Hz for effort and thermal flow, pressure flow 200 Hz, snore 500 Hz, body position 1 Hz
Communication interfaces:	Serial protocol USB PC cable, SleepLink and serial communication cables for Respironics therapy devices

System physical characteristics

Alice PDx unit:	
Size:	5" L x 3" W x 2" H (12.7 cm x 7.62 cm x 5.08 cm)
Weight:	approximately 8 oz (230 grams), (weight does not include batteries)
System power requirements:	Three AA (1.5V) alkaline batteries, 0.43 watts (typical)

Description	Part number
Alice PDx accessories	
ExG yoke, domestic	1040808
ExG yoke, international	1048415
ECG yoke, domestic	1040809
ECG yoke, international	1040810
ECG yoke, Japan	1048916
Accessories	
Alice PDx to MobileLink cable (PC cable)	1040807
Alice PDx to SleepLink cable	1040808
Alice PDx to RS-232 sleep therapy cable	1040805
Alice PDx holster	1053280
Alice PDx holster neck lanyard	1053194
Pro-Flow nasal cannula, adult qty. 60	P1328-60
Pro-Flow nasal-oral cannula, adult qty, 30	P1343
Oral thermistor	P1379
Nasal-oral thermistor	P1388
CPAP titration kit (for non-Respironics therapy devices)	P1391
zRIP adult sensor kit (belts and wiresets)	P1837
zRIP effort sensor, adult (24" to 75") / (61 cm to 190 cm)	P1806
zRIP wireset	P1170
2-pack SD cards (secure digital card, 4 GB ea.)	1053952
Alice PDx quick start guide (carrying case overlay); 4-pack	1053948
SpO ₂ reuseable sensors, adult finger clip	936
SpO ₂ reuseable flex sensor, adult	953
Adult flex sensor wrap (25-pack)	954A
Training tools	
Patient instruction video (DVD)	1055905
Clinician interactive tutorial (CD-ROM)	1055918



Complies with the
Buy American Act

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CAUTION: US federal law restricts these devices to sale by or on the order of a physician.

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