Small and mighty

Powerful enough to generate comprehensive reports and small enough to fit in the palm of your hand, the Stardust II portable diagnostic system provides you with an easy-to-use portable testing device for patients in need of sleep testing. The Stardust II enables you to meet level III and IV testing requirements.

The Stardust II is a win-win for patients and clinicians. Patients can sleep comfortably due to its small, sleek and lightweight design of the Stardust II. And clinicians can obtain the data they need related to screening and diagnosing sleep-related breathing disorders, evaluating treatment and performing patient follow-up.

Lightweight and compact for convenient carrying.

For more information about the Stardust II, visit: www.stardust.respironics.com

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Intelligent software

Host software, based on Respiro's proven Respironics diagnostic software, provides reliable technology in an affordable package. The simplified Stardust-based application is easy to learn and easy to use. Proprietary streamlined design makes Stardust a powerful tool right out of the box. Advanced flexibility lets clinicians customize reports, manually score studies and set time studies right from the software.

Stardust and REMstar®Medical

Perhaps the most powerful feature of the Stardust II is its ability to be used with the REMstar Auto with A-Flex. Working primarily by measuring changes of flow limitation, the REMstar Auto analyzes patient responses, adapts changes in pressure and assesses the impact of these changes on the patient’s breathing patterns. These proactive changes in pressure and assessment of flow limitation are continuously searched for the best possible pressure level for the patient.

The ability of REMstar Auto to find ideal pressure levels and the Stardust II's powerful recording capability make these two products an optimal duo when you want to titrate patients efficiently, effectively and comfortably. When using REMstar Auto with A-Flex, your patients can feel the difference. It is a new and different way.

Sensors and accessories

We offer a complete line of sensors and accessories including Pro-Tech sensors, 20-BP pressure transducer, esophageal sensors and probes. Our sensors help you meet AASM or equivalent standards.

Leading the way in sleep diagnosis

Well known for innovation in advanced sleep therapy systems and technologies, Philips Respironics also equips sleep technicians with a full range of products and support to handle your patient monitoring needs in or out of the lab. Whether in home screening and portable and full-fledged PSG diagnostic devices, a dedicated sales force and 24/7 technical specialists, we are commited to helping sleep professionals lead the way in facilitating an appropriate diagnosis and healthy nights’ sleep for patients.

While used in conjunction with the Stardust II, Stardust software records, displays, and stores and displays and shares the data as related to the Stardust II flow sheet and the Stardust II’s automated diagnostic algorithm. Additional results, including REMstar’s respiratory rate and pressures trends after can be recorded when using the Stardust II with the REMstar Auto and monitor the patient’s breathing dynamics. Other parameters can be recorded on the Stardust II flow sheet and Stardust II’s automated diagnostic algorithm. Additional results, including REMstar’s respiratory rate and pressures trends after can be recorded when using the Stardust II with the REMstar Auto and monitor the patient’s breathing dynamics. Other parameters can be recorded on the Stardust II flow sheet and Stardust II’s automated diagnostic algorithm.

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Convenient for scheduling and assessing

The system detects apneas and hypopneas by measuring:
- Pulse rate
- SpO2
- Body position changes

Positive pressure therapy can be measured when using certain Respironics therapy devices. The patient event marker can be used to track lights out, bathroom visits, and other activities. And, the internal body position monitor measures angle of non-supine positioning.

Stardust can help free your business from scheduling problems. From the comfort of wherever they sleep—whether it’s in your office, patient’s home or while traveling. This gives you the flexibility you need to run your business more simply and easily.

Intelligent software

Host software, based on Respironics’ proven Sleepware diagnostic software, provides a reliable technology in an affordable package. The simplified Stardust® based application is easy to learn and easy to use. Properly programmed default settings make Stardust its powerful tool right out of the box. Advanced flexibility lets clinicians customize reports manually score studies and small those studies right from the software.

Stardust and REMStar Medical

Perhaps the most powerful feature of the Stardust is its ability to be used with the REMStar Auto with A-Flex. Working primarily by measuring instances of flow limitation, the REMstar Auto uses systematic, subtle changes in pressure and assesses the impact of those changes on the patient’s breathing pattern. These pressure changes in pressure and assessment of flow limitations are continuously varying for the best possible pressure level for the patient.

The ability of REMStar Auto to find ideal pressure levels and the Stardust’s powerful recording capability make these two products an optimal duo when you want to titrate patients efficiently, effectively and comfortably. When using REMStar Auto with A-Flex, your patients can feel the difference in a whole new way.

Sensors and accessories

We offer a complete line of sensors and accessories including Pro-Tech sensors, 220/228 sensor Flex oximetry sensor (sensor with 5 cannulas) and other Respironics therapy devices. Other parameters may be available for recording depending upon the Respironics therapy device being used.

When used in conjunction with the Stardust REMStar Standard recording, mask leaks and apneas and hypopneas as identified by the REMStar Auto flow detection algorithm. Additional results, including those on respiratory rate and pressure trends after REMstar Auto can be recorded when using the Stardust II with the REMStar Auto and certain other Respironics therapy devices. Other parameters may be available for recording depending upon the Respironics therapy device being used.

Product specifications

-Platform selection list: Respironics
- Sample rate: 208 Hz (respiration)
- Effort: 208 Hz
- Gain: 80 Hz
- Pressure therapy parameters: 0.2 to 10 Hz
- Minimum battery life: 17 hours for 9V battery
- Pressure therapy parameters: 0.2 to 10 Hz
- Minimum battery life: 17 hours for 9V battery

Parameter ranges

-SpO2 50 – 100%
-Position Supine and non-supine
-Flow 4 – 40 BPM
-Effort 4 – 40 BPM
-Pressure 0 – 30 H2O
-

Stardust II recorder kit 10111176
-Stardust II recorder manual 1011237
-Stardust / REMstar Auto serial link cable 6122244
-Stardust pouch 1008312
-Nasal pressure sensor kit 6122245
-REMstar auto service cable 1011985
-Standard pouch 1008812
-Respiratory event sensor 1008265
-Finger clip oximeter 1008793
-Oral/nasal flow sensor 1006170
-Nasal pressure sensor kit 1008265
-Nasal cannula (25 each) 1007196
-Nasal cannula (25 each) 1008793
-Nasal cannula (25 each) 1006170
-Nasal thermistor sensor 612226

When used in conjunction with the Stardust REMStar Standard recording, mask leaks and apneas and hypopneas as identified by the REMStar Auto flow detection algorithm. Additional results, including those on respiratory rate and pressure trends after REMstar Auto can be recorded when using the Stardust II with the REMStar Auto and certain other Respironics therapy devices. Other parameters may be available for recording depending upon the Respironics therapy device being used.

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### Intelligent software

Host software, based on Respironics’ proven Sleepware diagnostic software, provides reliable technology in an affordable package. The simplified Stardust® based application is easy to learn and easy to use. Properly programmed default settings make Stardust® a powerful tool right out of the box. Advanced flexibility lets users customize reports manually score more studies and small studies right from the software.

### Stardust and REMstar®

**Perhaps the most powerful feature of the Stardust® is its ability to be used with the REMstar® Auto with A-Flex. Working primarily by measuring oxygen saturation of flow limiters, the REMstar® Auto rate optimizes, subtle changes in pressure and assesses the impact of these changes on the patient’s breathing patterns. These pressure changes in pressure and assessment of flow limiters are continually searched for the best possible pressure level for the patient.**

The ability of REMstar® Auto to find ideal pressure levels and the Stardust® software’s recording capability make these two products an optimal duo when you want to titrate patients efficiently, effectively and comfortably. When using REMstar Auto with A-flex, your patients can feel the difference in a whole new way.

### Sensors and accessories

We offer a complete line of sensors and accessories including Pro-Tech sensors, zRIP effort technology (Pressure Flow), electrodes, oximetry sensors and probes. Our sensors help you meet AASM or equivalent standards.

#### Leading the way in sleep diagnosis

Well known for innovation in advanced sleep disturbance systems and technologies, Philips Respironics also equips sleep technicians with a full range of products and support to handle patient monitoring needs in or out of the lab. With in-lab and portable A-Flex diagnostic systems, a dedicated service team and 24/7 technical support, we are committed to helping sleep professionals lead the way in facilitating appropriate diagnoses and healthy nights’ sleep for patients.

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<thead>
<tr>
<th>Sensor</th>
<th>Part number</th>
<th>Description</th>
<th>Notes</th>
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<tr>
<td>SpO2 connector</td>
<td>6122246</td>
<td>Stardust II recorder RS-232</td>
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<tr>
<td>Effort sensor connector</td>
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<td>Stardust II recorder</td>
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<tr>
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<td>612254</td>
<td>oximetry sensor</td>
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<td>oximetry foam tape</td>
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### Product specifications

- **Platform - Stardust®**: 8.5 inches
- **Sample rate**: 200 Hz (respiration)
- **Effort**: 200 Hz
- **SpO2**: 80 Hz
- **Pressure therapy parameters**:
  - Pressure therapy range: 30 cm H2O
  - Pressure therapy range: 0.2 to 10 Hz
- **SpO2 connector**: 50 – 100%
- **Pulse rate**: 20 – 200 BPM
- **Power**: 0 – 30 mV (inside)
- **Sampling information**
  - **Size**: 4.5 in. x 2.3 in. x 0.78 in.
  - **Weight**: 0.2 lb
  - **Sample rate**: 50 – 1000 Hz

### System physical characteristics

- **Size**: 4.5 in. x 2.3 in. x 0.78 in.
- **Weight**: 0.2 lb
- **Sample rate**: 50 – 1000 Hz

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**When used in conjunction with the Stardust® Auto, Stardust® records snoring, mask leaks and apneas and hypopneas as identified by the REMstar® Auto. Flow/minute recording provides additional data, including oxygen and pressure range identification. Reports can be recorded when using the Stardust® II with the REMstar® Auto and certain other Respironics sleep device. Other parameters may be available for recording depending upon the Respironics sleep device being used.**
Smaller and mighty

Powerful enough to generate comprehensive reports and small enough to fit the palm of your hand, the Stardust II portable diagnostic system provides you with an easy-to-use portable testing device for patients in need of sleep testing. The Stardust II enables you to meet level III and IV testing requirements.

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Lightweight and compact for comfortable sleeping.

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