Clinical Technologies

Stylish on the Outside. Smart on the Inside.

UNIQUE CLINICAL TECHNOLOGIES AVAILABLE WITH F&P ICON™

- ThermoSmart™ Technology for more humidity and comfort
- Auto-adjusting algorithm for personalized treatment during sleep
- SensAwake™ responsive pressure relief to provide better overall sleep
- Info Technologies for therapy insights and flexible data communication options.
Benefit from less stigma and more acceptance with the F&P ICON

With the full range of Fisher & Paykel Healthcare’s clinical technologies integrated into one quiet, stylish unit, the healthcare provider can feel more confident in a clinically effective solution.

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<tr>
<th>PERFORMANCE FEATURES</th>
<th>Auto</th>
<th>Premo</th>
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<tr>
<td>Fully integrated</td>
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<td>ThermoSmart™ Technology**</td>
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<td>Auto-Adjusting Pressure</td>
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<td>InfoUSB™</td>
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<td>SensAwake™</td>
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<td>Proportional Ramp</td>
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<td>Clock and AlarmTunes™</td>
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<td>InfoSmart™ Software</td>
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<th>PLUG TYPE</th>
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* Part may vary depending on country
** In some countries the ThermoSmart Breathing Tube needs to be purchased as an accessory to activate ThermoSmart Technology
The Art of Comfort
ThermoSmart Technology, with its unique heated breathing tube, mimics the ability of the nose to heat and humidify the air. Patients will experience new levels of sleep comfort as humidity levels remain constant through the night, regardless of ambient temperature changes.

ThermoSmart Technology includes an advanced humidification algorithm and a heated breathing tube, which both work to provide optimal humidity and reduce condensation.

The clinical evidence to support the effectiveness of ThermoSmart is clear:
- ThermoSmart provides a more comfortable CPAP experience
- ThermoSmart improves sleep quality and total sleep time
- ThermoSmart lowers nasal airway resistance for 10% lower pressure
- ThermoSmart virtually eliminates condensation even in a cool sleeping environment whilst delivering high levels of absolute humidity
- ThermoSmart is as effective as a nasal steroid in improving compliance and nasal symptoms.

Auto-adjusting Pressure

The versatile Auto device can be used as a titration and long-term treatment solution for your patients. The flow-based auto-adjusting algorithm detects and effectively responds to flow limitation, hypopnea and apnea.

More flexibility for short or long term treatment needs.

The Auto can be used to assist patients experiencing the following:

- Pressure intolerance
- Pressure requirements greater than 10 cmH₂O
- REM or positional OSA
- Incomplete laboratory titration
- Planned weight changes (e.g. future bariatric surgery)
- Returning symptoms after long-term CPAP use.
SensAwake
Responsive pressure relief.

SensAwake promotes better overall sleep. We all experience subconscious waking through the night – at which time pressure intolerance is likely to occur. SensAwake responsive pressure relief:

Whereas other pressure relief technologies provide partial relief during expiration, SensAwake provides a prompt and significant relief in pressure to the lowest most comfortable level upon waking. This eases the return to sleep and allows effective treatment to resume.

The Art of SensAwake
SensAwake provides fast and effective pressure relief when the patient needs it the most – while transitioning from sleep to wake. This allows the patient to experience a more comfortable and restful night’s sleep.
Retrieving quality sleep data in a timely and efficient manner is crucial to understand patient needs and influence therapy outcomes. Info Technologies provide a range of options to best suit your business practice.

**Data Communication**
- **InfoView™:** The patient can relay sleep data from the display screen of the device, which can then be verified using the F&P InfoSmart software.
- **InfoUSB:** The functionality of the InfoUSB and InfoUSB (Web) have been combined into one, so the choice of data retrieval becomes even more simple and cost effective. The physical InfoUSB can be sent via the mail for data download, or the sleep data can be sent electronically via the web.

**Data Reporting**
Treatment compliance and efficacy reporting is a key factor for comprehensive patient follow-up and thus therapy outcomes. F&P InfoSmart software produces comprehensive charting and reporting of patient data including:
- A choice of 30, 60, 90 or 180 days summary data
- Customizable summary data up to 180 days
- 7 days of detailed data
- Cumulative summary data from first use.
The F&P ICON succeeds in integrating more clinical technologies with less complexity. Key clinical technologies such as ThermoSmart and SensAwake are now available in one quiet, compact and stylish unit.

By integrating simple, added-value features such as a forward-facing clock with customizable AlarmTunes, the F&P ICON can replace the alarm clock on the night stand and blend seamlessly into any bedroom environment.

Iconic design features set this system apart:

- **Elbow**: Used to connect a ThermoSmart or standard Breathing Tube to the device. The Elbow also rotates for a preferred position.
- **Chamber Lid**: Must be correctly fitted for optimal pressure delivery and can also be used as a handle to carry the device.
- **Water Chamber**: One-piece chamber. Holds 420 ml of water and is dishwasherable.
- **Menu System**: The Home Screen with a clock is the default display. Each point of the clock-face represents the available settings.
- **Air Filter**: Ensures the air is filtered from particles and dust.
- **InfoUSB / USB Port**: The USB Port houses the InfoUSB to record patient compliance, efficacy and flow data.
- **SmartDial™**: Intuitive controls allow one-touch navigation of the Menu System, using a Press, Turn, Press principle.
For more information please contact your local Fisher & Paykel Healthcare representative