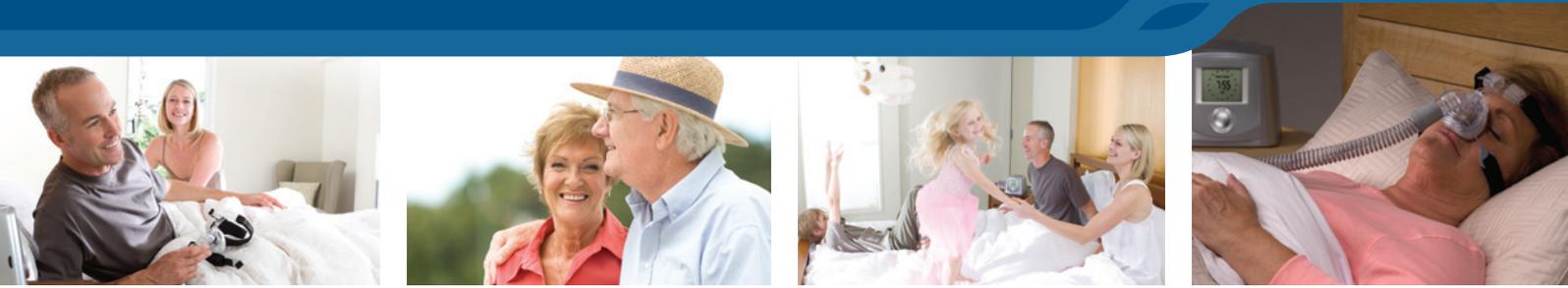


# Therapy Solutions

Stylish on the Outside. Smart on the Inside.



 **DirectHome  
MEDICAL**

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**F&P ICON™**

## Stylish on the Outside. Smart on the Inside.

The F&P ICON™ has been designed from the outside-in to answer the patient's strong call for a compact, stylish CPAP that blends seamlessly into any bedroom environment.

This new design, combined with the full range of Fisher & Paykel Healthcare's clinical technologies, means the healthcare professional can feel more confident in an effective therapy solution that also meets business needs.





The F&P ICON™ is a comfortable, visually appealing system, designed to enhance patient adaptation to CPAP therapy.

This represents a unique opportunity for the healthcare provider to improve patient care and enjoy the long-term effects of a smooth-running business. The F&P ICON™ family is made up of three models. The Auto provides flexibility in pressure modes, while the Premo meets demand for fixed pressure with full efficacy reporting and the Novo is a standard CPAP with compliance reporting.



Auto



Premo



Novo

F&P ICON™ Models and Features Matrix				
PERFORMANCE FEATURES	Auto		Premo	Novo
	ICONAAX	ICONABX	ICONPBX	ICONNAX
Fully integrated	•	•	•	•
ThermoSmart™ Technology*	•	•	•	•
Auto-Adjusting Pressure	•	•		
Efficacy Reporting	•	•	•	
Compliance Reporting	•	•	•	•
SmartStick™	•	•	•	•
SensAwake™	•			
Proportional Ramp	•	•	•	•
Auto-Altitude Adjusting	Automatic	Automatic	Automatic	Manual
Leak Compensation	•	•	•	
Clock and AlarmTunes™	•	•	•	•
InfoSmart™ Technologies	Advanced	Advanced	Advanced	Basic

### F&P ICON™ TECHNOLOGY

 **ThermoSmart™**  
More humidity.  
More comfort.

 **SensAwake™**  
Responsive to  
waking moments.

 **InfoSmart™**  
More communication.  
More results.

NOTE: The X denotes country variant

\* In some countries the ThermoSmart™ Breathing Tube needs to be purchased as an accessory to activate ThermoSmart™ Technology

# FOCUS ON FEATURES



## Elbow

Used to connect a ThermoSmart™ or standard Breathing Tube to the device. The Elbow also rotates for a preferred position.

## Water Chamber

One-piece chamber. Holds 420 ml of water and is dishwasherable.



## Chamber Lid

Must be correctly fitted for optimal pressure delivery and can also be used as a handle to carry the device.

## Menu System

The Home Screen with a clock is the default display. Each point of the clock-face represents the available settings.



## SmartStick™ / USB Port

The USB Port houses the SmartStick™ 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.



## Air Filter

Ensures the air is filtered from particles and dust.



Stylish on the Outside. Smart on the Inside.

# F&P ICON™ Auto



The Auto combines all features and technologies into one unit to provide the most flexibility for patient management and inventory control.



## SensAwake™

Responsive to waking moments.

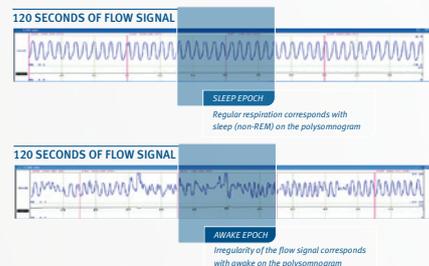


Patients commonly arouse from sleep which can sometimes lead to a full awakening. During these awake states, many patients are intolerant of the delivered pressure<sup>1</sup> which may force them to prematurely abandon CPAP therapy for the night. It is therefore important to provide as much comfort as possible during these awake states to help facilitate the return to sleep.

SensAwake™ does this by searching for a pattern of irregular breathing which occurs at the transition from sleep to awake, as shown in the flow signal to the right. SensAwake™ senses this irregularity in flow and promptly reduces the pressure to aid the transition back to sleep.<sup>2</sup>

## Auto-adjusting pressure: more flexibility for short or long-term treatment needs

The flow-based auto-adjusting algorithm responds to flow limitation, hypopnea and apnea. The pressure response is dependent on the type of event to personalize pressure needs during sleep.



# F&P ICON™ Premo



The Premo is a premium fixed-pressure CPAP with a range of cost effective options to communicate efficacy data.



## ThermoSmart™

More humidity. Less discomfort.

ThermoSmart™ Technology is at the forefront of Fisher & Paykel Healthcare's humidification philosophy, and is compatible with each F&P ICON™ model. The advanced humidification algorithm and heated breathing tube work together to provide optimal humidity without condensation.

Time and again, studies have shown that patients will benefit from higher levels of humidity<sup>3</sup> for improved comfort<sup>4</sup> and a clinically proven better night's sleep.<sup>5</sup>



Stylish on the Outside. Smart on the Inside.

# F&P ICON™ Novo



The Novo is a standard fixed-pressure CPAP for those patients who require basic compliance monitoring. Features such as the SmartDial™, clock, alarm and AlarmTunes™ also enhance the user experience.



The SmartDial™ works on a simple Press, Turn, Press principle. Each setting in the Menu System is outlined below for your quick reference.



Patient Menu		Clinician Menu		
	<b>Ramp:</b> Once therapy has started, press the SmartDial™ and hold for 3 seconds to activate.		<b>Sleep Data:</b> Several compliance and efficacy statistics can be viewed in this setting. This data can be used for quick telephone compliance reporting.	
	<b>Humidity:</b> Can be adjusted between 0 and 7. To access humidity Boost, press and hold the SmartDial™ for 3 seconds and select low, medium or high.		<b>SensAwake™ On/Off:</b> SensAwake™ can be deactivated in the Auto model.	
	<b>Alarm On/Off:</b> Use this setting to select either Alarm bell or AlarmTunes™ for a personalized wake-up call.		<b>User Preferences</b>	
	<b>Alarm Time:</b> Sets the alarm time in hours, then minutes.			<b>Altitude Adjustment:</b> The Novo model displays the altitude symbol for Altitude Adjustment.
	<b>Alarm Volume:</b> Volume of the Alarm can be adjusted by turning the SmartDial™.		<b>ECO</b>	<b>ECO Mode:</b> This allows the device to operate on reduced power (75 W) for use on long-haul air flights, camping or use with battery power.
	<b>Clock Time:</b> The Clock Time can be adjusted to display the hour, minutes, 12-hour or 24-hour time.		<b>hPa cmH<sub>2</sub>O</b>	<b>Display Pressure:</b> The Display Pressure setting provides two display options for the Home Screen: Time or Actual Pressure.
	<b>Brightness:</b> The brightness of the display screen can be adjusted by turning the SmartDial™ to the desired level. The Active Brightness (brightness of the display when the Menu System is in use) can also be adjusted by pressing and holding the SmartDial™ for 3 seconds while in the Brightness setting.		<b>Error</b>	<b>Error Code:</b> This is a convenient fault diagnosis feature which displays error codes. If this symbol flashes in the Home Screen then navigate to this setting, record the number displayed and contact your healthcare provider.
				<b>Service Setting:</b> This setting provides information including the current software version, error codes and run time (hours) of the device.
		<b>MENU</b>	<b>Menu Level:</b> Some of the features available to the patient to view or adjust in the Patient Menu can be restricted in this setting. Level 1 provides limited patient access and excludes efficacy data. Level 2 provides advanced functionality for the patient, including access to view efficacy data.	
		<b>CPAP OR AUTO</b>	<b>Pressure Mode:</b> Pressure delivery can be changed from fixed to auto-adjusting in models with this feature.	
		<b>AUTO Min/Max</b>	<b>Set Pressure:</b> Prescribed pressure can be set for CPAP, or Minimum and Maximum pressures for auto-adjusting CPAP.	
			<b>Time-zone:</b> To achieve accurate nightly averages for LCD compliance reporting, the device needs to know where it is in the world. This is achieved by specifying the patient's time-zone.	

# InfoSmart™ Technologies



Retrieving quality sleep data in a timely and efficient manner is crucial to understand patient needs and influence therapy outcomes. InfoSmart™ Technologies provide a range of options to best suit your business practice.

## InfoSmart™ Technologies

More communication. More results.

### Data Communication

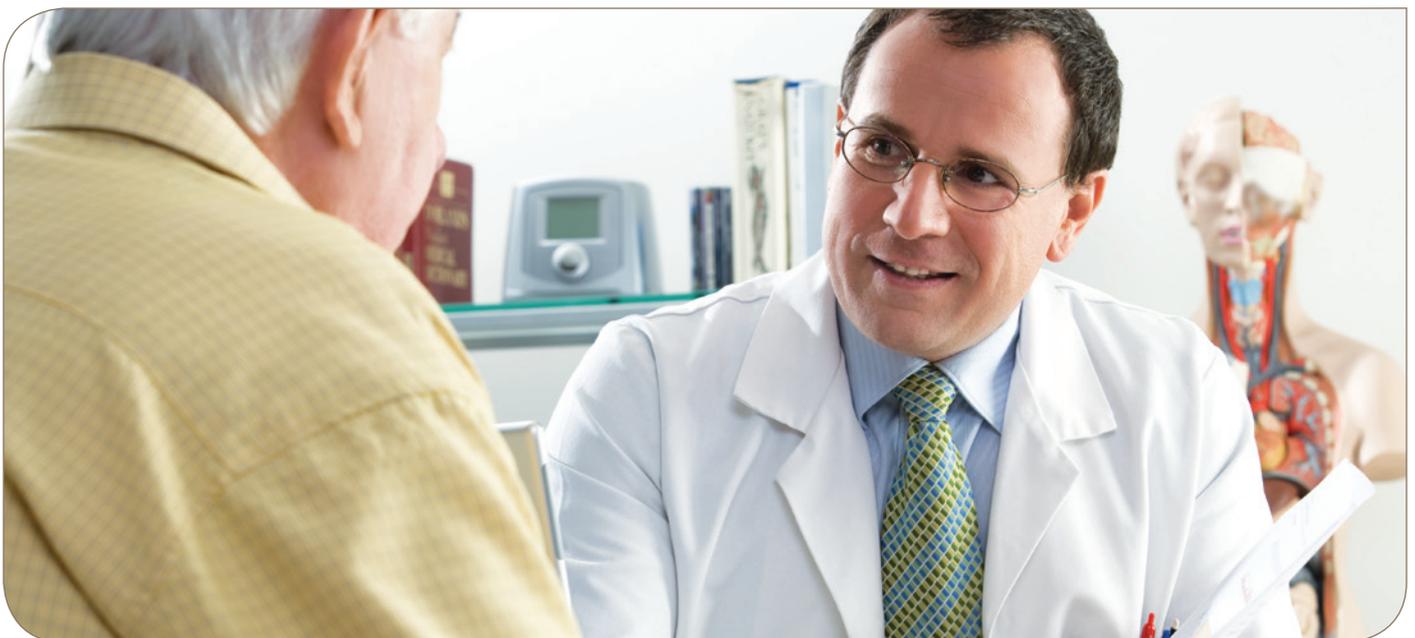
- InfoSend™ View: The patient can relay sleep data from the display screen of the device, which can then be verified using the F&P InfoSmart™ software
- SmartStick™ (Net): The functionality of the SmartStick™ and SmartStick™ Net have been combined into one, so the choice of data retrieval becomes even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



### Data Reporting

The SmartStick™ utilizes USB technology, which provides large data storage capacity. The F&P InfoSmart™ software provides a range of options to report the data to meet your needs:

- 30 days detailed efficacy data (includes AHI, Pressure and Leak)
- 365 days of summary efficacy data
- Cumulative summary data from first use.



# More family. More time.

The F&P ICON™ with its unique technologies is likely to free up more time for the healthcare provider to enjoy life while benefiting from a smooth-running business.

Fisher & Paykel Healthcare offers a full-service solution:

- Quiet, comfortable and reliable therapy
- Less inventory with a fully integrated system
- More options available to monitor and report on patient compliance
- Enhance patient acceptance with added-value features
- Patient support through [www.vigor8.com](http://www.vigor8.com).





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