

# Introducing the **ICON™**

An Iconic Change in CPAP Therapy

**F&P** **ICON™**



# Stylish on the Outside



- Bedroom appeal
- Forward facing clock with adjustable brightness
- Intuitive SmartDial™
- Swivel Elbow
- Hidden Water Chamber
- Customisable AlarmTunes™

# Stylish on the Outside

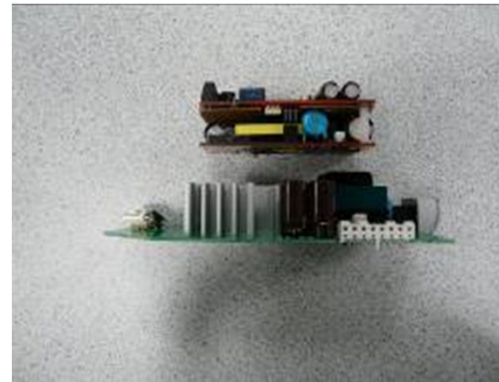
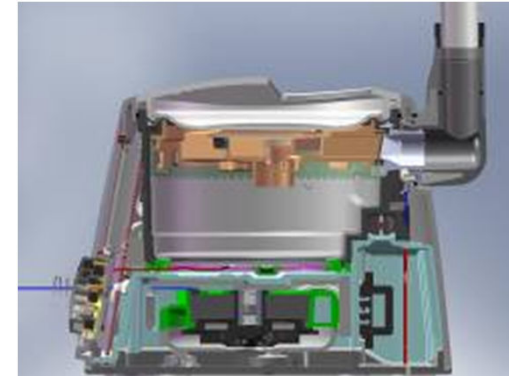
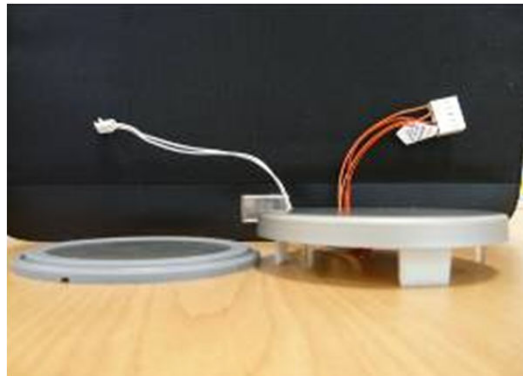
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Size comparisons with competitor's products



# Stylish on the Outside

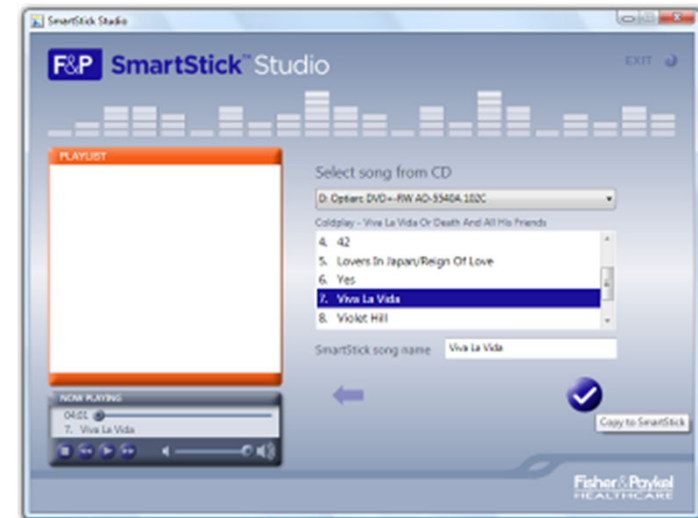
Reduce the size!



# Stylish on the Outside

## AlarmTunes™ & SmartStick Studio

- Added-extra, lifestyle feature, makes the CPAP fun! SmartStick™ Studio software is provided with each F&P ICON™
- Personalises the sleep experience
- Only possible because of our USB technology
- One song is preloaded onto each SmartStick™





# Smart on the Inside

## Combination of Clinical technologies



- ThermoSmart™ Heated Breathing Tube Technology
- Auto-adjusting CPAP
- SensAwake™
- SmartStick™ USB and InfoSmart™ Data Management

# Smart on the Inside

## ThermoSmart™



- Advanced humidification technology
  - Unique heated breathing tube technology
  - Humidifier
  - Humidity algorithm
- Delivers physiological levels of humidification
  - Closely matching inspiratory conditions required for patient comfort
  - Prevents condensation



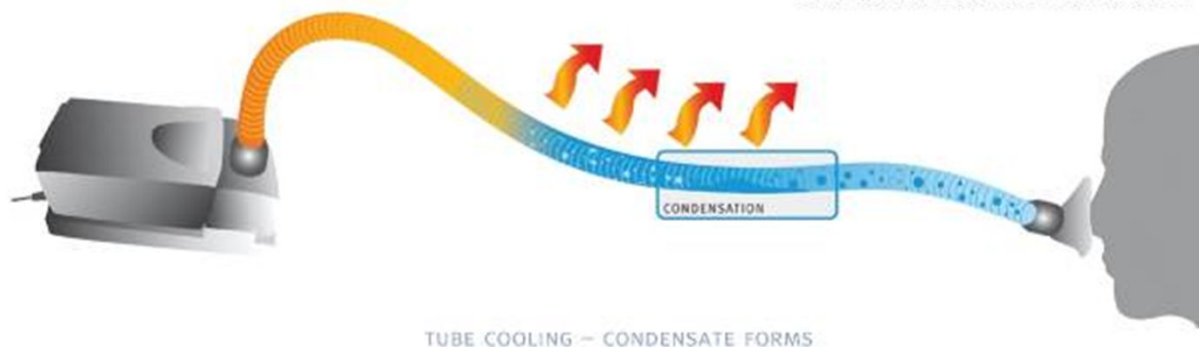


# Smart on the Inside

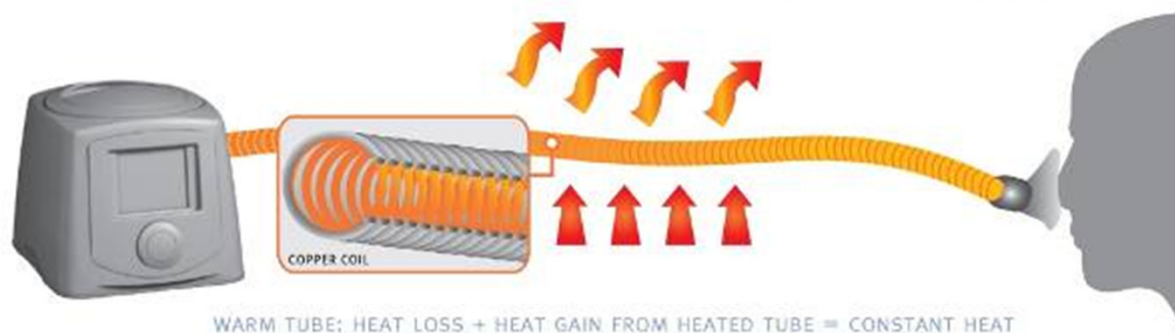
ThermoSmart™



Conventional Humidification



Heated Breathing Tube Humidification



# Smart on the Inside

## ThermoSmart™

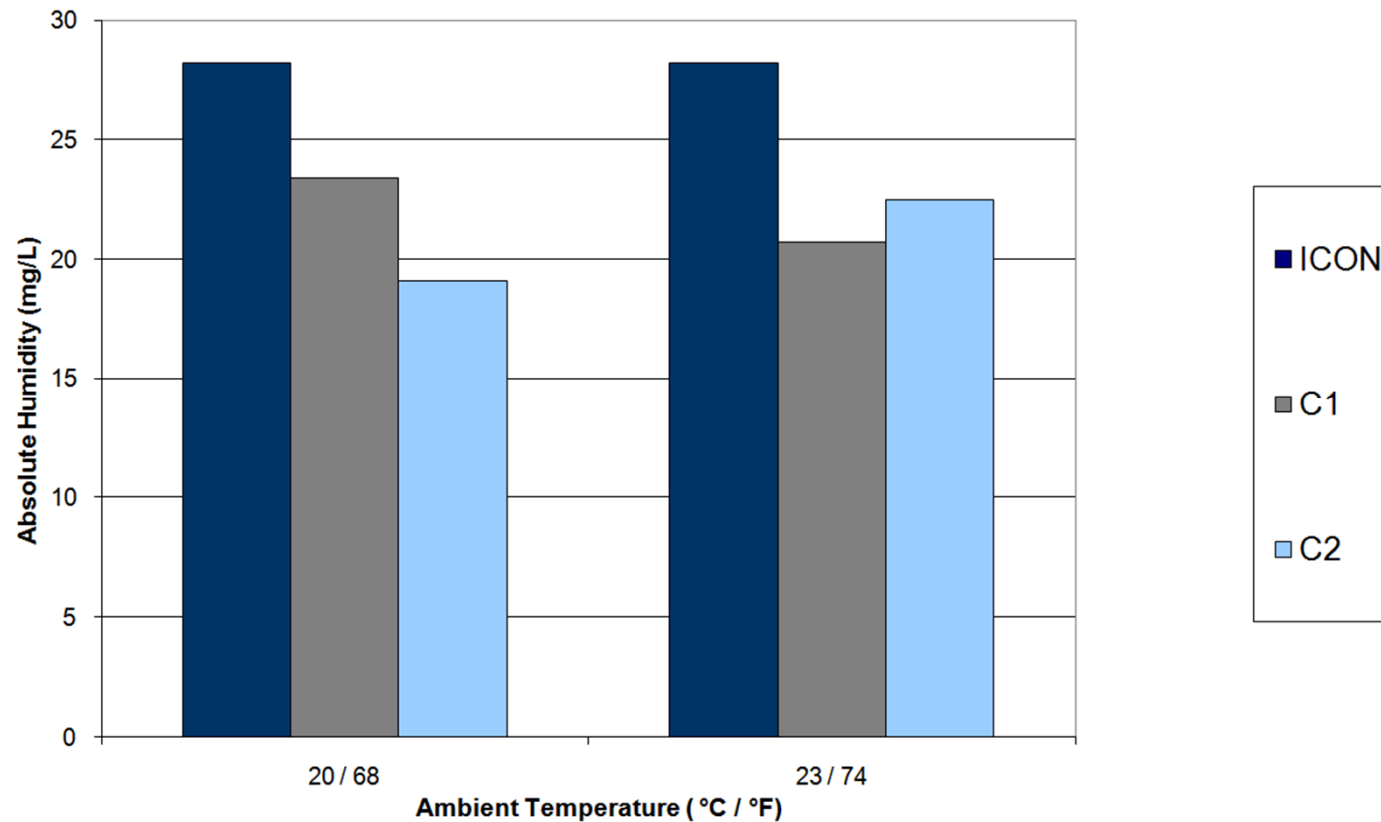
- Clinical Studies support the effectiveness of ThermoSmart™:
  - Improves sleep quality and total sleep time<sup>1</sup>
  - Provides a more comfortable CPAP experience<sup>2</sup>
  - Eliminates condensation while delivering higher levels of absolute humidity<sup>3</sup>
  - Lowers CPAP pressure requirements by 10% through decreased nasal resistance<sup>4</sup>
  - Provides equivalent symptom relief to nasal steroids<sup>5</sup>



<sup>1</sup>Nilius et al <sup>2</sup>Almasri et al <sup>3</sup>Virag <sup>4</sup>Massengill <sup>5</sup>Powell

# Smart on the Inside

## Humidity Performance



# Smart on the Inside



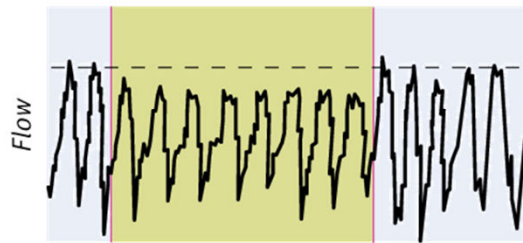
## Competitor Comparison

	<b>F&amp;P ICON™</b>	<b>Competitor 1</b>	<b>Competitor 2</b>
Time to reach 21 mg/L	6 mins	120 mins	27 mins
Chamber Capacity	420 ml	380 ml	325 ml
Tube Weight	126 gm	154 gm	95.6 gm

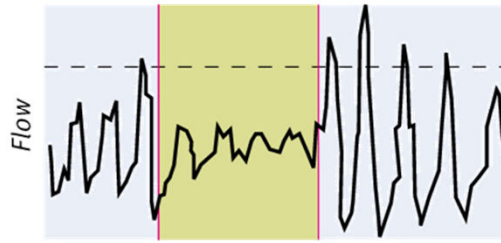
# Smart on the Inside

## Auto-adjusting Algorithm

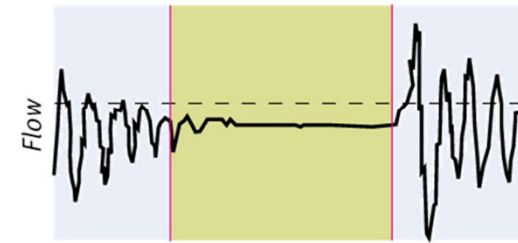
- F&P Auto detects and responds to:



Flow Limitation



Hypopnea



Apnea

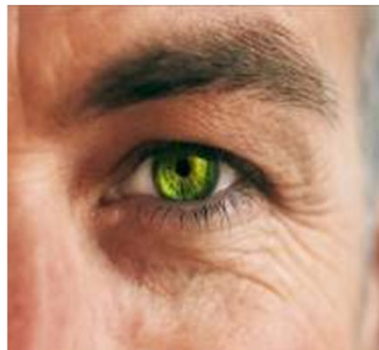
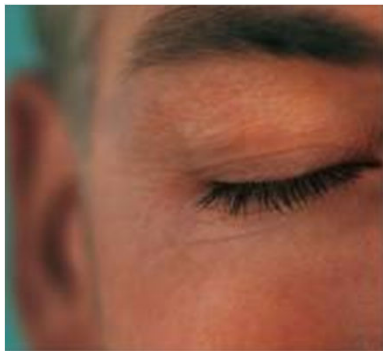
# Smart on the Inside

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## SensAwake™

- Pressure intolerance is an AWAKE phenomenon, it is critical to provide comfort during periods of wakefulness
- Senses the transition from sleep to wake and promptly reduces the pressure
- Aids the transition back to sleep for improved therapy uptake

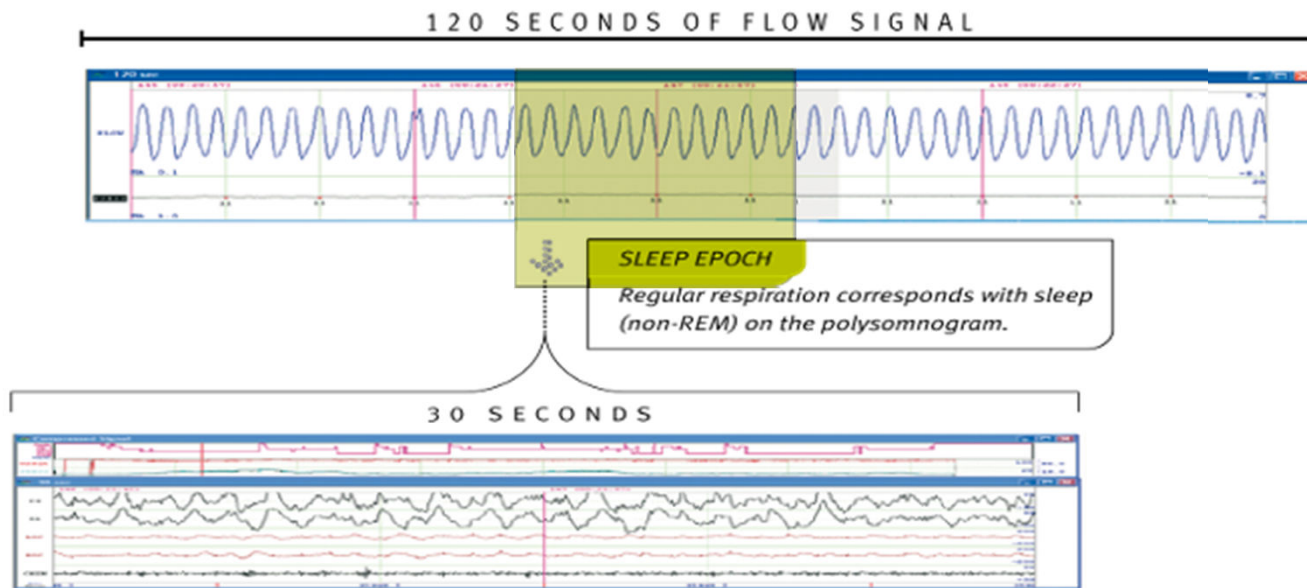




# Smart on the Inside

## SensAwake™

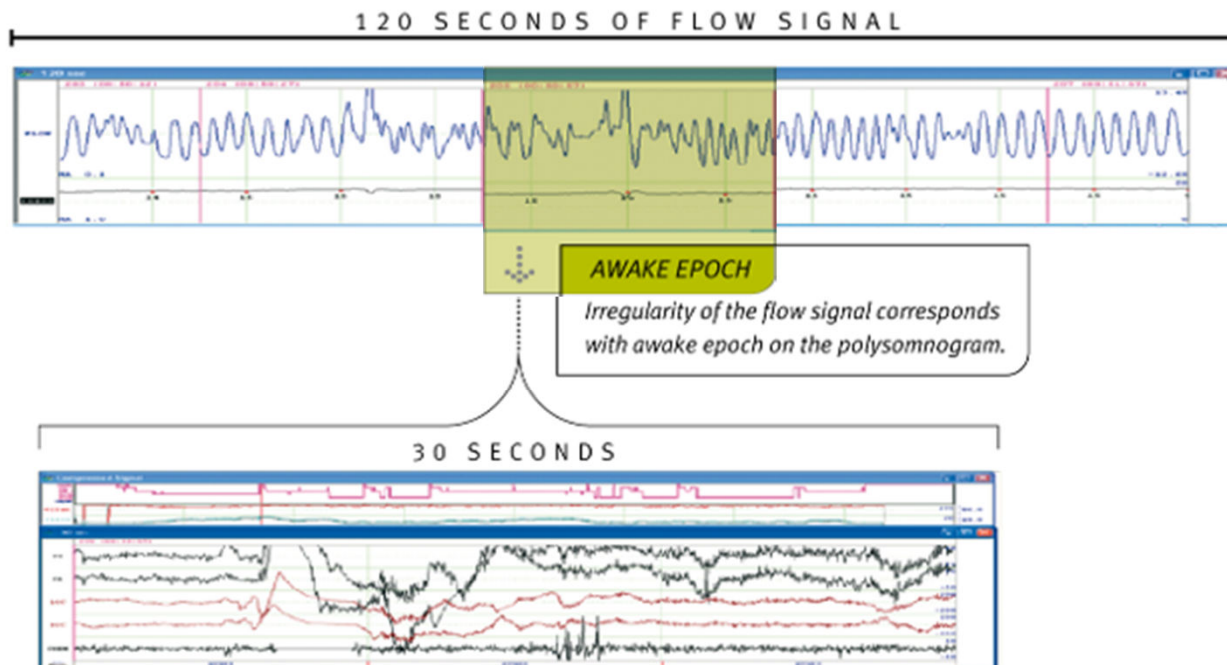
- A pattern of regular respiration seen during non-REM sleep in the absence of sleep-disordered breathing



# Smart on the Inside

## SensAwake™

- Irregularity in the airflow signal during the transition from sleep to awake – SensAwake™ detects this!



<sup>1</sup>Ayappa et al, 2009

# Smart on the Inside

## SensAwake™



- Clinical Studies have shown:
  - SensAwake™ is able to accurately detect wakefulness using surrogate markers (irregular breathing) <sup>1</sup>
  - SensAwake™ results in a lower overall mean pressure than traditional AutoCPAP <sup>2</sup>

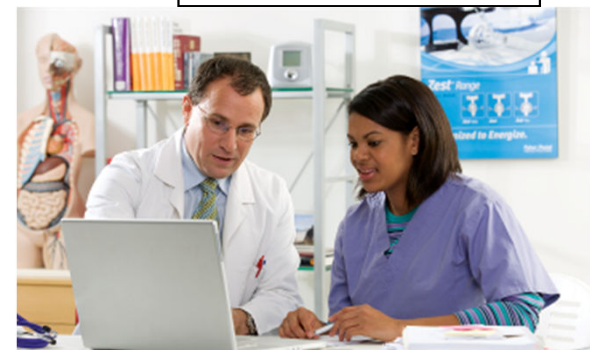
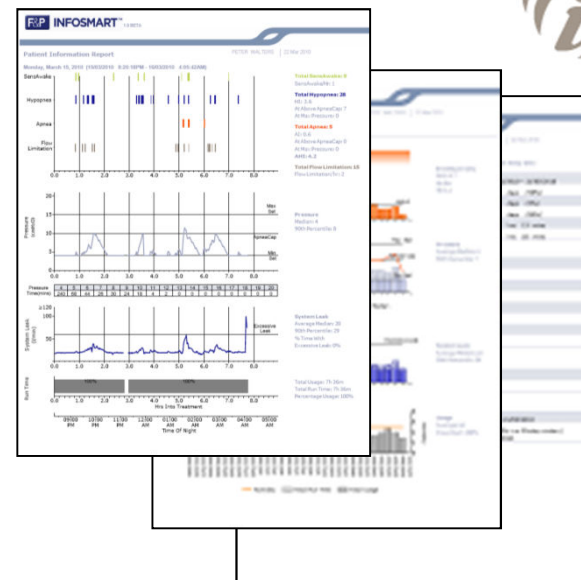


<sup>1</sup> Ayappa et al <sup>2</sup>; In submission

# Smart on the Inside

## InfoSmart™ & SmartStick™

- NEW Patient Management and Reporting Software
- Supports all CPAP products (230,240,250,600, ICON™)
- Multiple data reporting methods
  - Visual inspection
  - SmartStick™
  - SmartStick Net



# Smart on the Inside

## SmartStick™ Net

**Northern Sleep Services** Fisher & Paykel HEALTHCARE

Dashboard Patients Devices Contacts Masks Logout

« Previous 1 2 Next »

Name	Set-up Date	Last Download Date	Compliant?	% Compliant	
<a href="#">Williams_Betty</a>	October 5, 2009 (218 days ago)	November 19, 2009	Compliant	97% (29 days)	<a href="#">print</a>   <a href="#">hide</a>
<a href="#">Smith_Steve</a>	February 13, 2006 (1548 days ago)	March 10, 2008	Non-Compliant	13% (4 days)	<a href="#">print</a>   <a href="#">hide</a>
<a href="#">Malone_Jessie</a>	January 5, 2010 (126 days ago)	May 5, 2010	Non-Compliant	3% (1 days)	<a href="#">print</a>   <a href="#">hide</a>
<a href="#">Carter_Ryan</a>	April 28, 2008 (743 days ago)		No Data Available	N/A	<a href="#">hide</a>
<a href="#">Christensen_Erik</a>	April 25, 2008 (746 days ago)		No Data Available	N/A	<a href="#">hide</a>
<a href="#">Ebbett_Andrew</a>	April 23, 2008 (748 days ago)		No Data Available	N/A	<a href="#">hide</a>

**Help**  
To find a patient enter either part of the name, phone number (digits only), or patient id in the search box and press the 'Search' button.

**Help Links**  
[How do I use the dashboard?](#)  
[How do I get started with SmartStick™ Net?](#)  
[What should my daily routine be?](#)  
Click [here](#) for more assistance.

# **F&P** ICON™ Product Family

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AUTO



PREMO



NOVO



Three models, all offering ThermoSmart™ heated breathing tube humidification

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# ICON™ Summary

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- Contemporary and stylish design for bedroom appeal
- Forward facing clock with customisable AlarmTunes™
- Smallest footprint including humidifier and power supply
- Combined smart technologies
- InfoSmart™ Technologies for flexible data communication options

