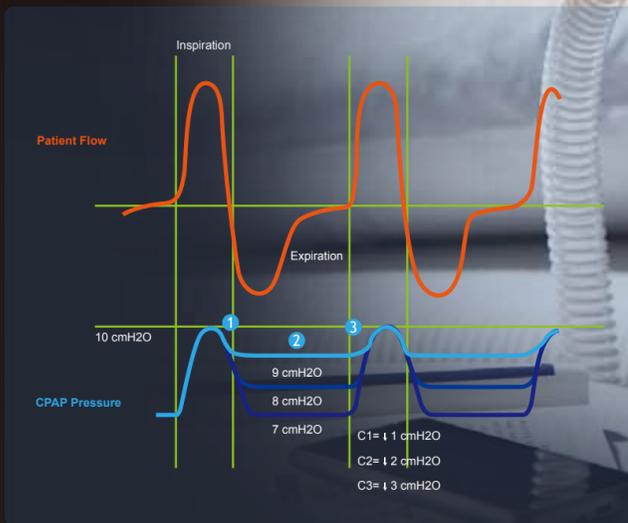


PVA Pressure Variation Algorithm

The PVA Pressure Variation Algorithm is a technology designed to provide relief to patients who experience CPAP pressure discomfort by reducing pressure at the start of exhalation and return to the prescribed pressure at the commencement of inhalation. Pressure can be reduced by three different level settings, allowing the delivery of prescribed pressure at a time when the patient needs it most without compromising comfort and compliance. The PVA technology is available on CPAP and APAP modes.



iCH series Continuous Positive Airway Pressure



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iCH series

Providing comfortable and flexible therapy modes, the iCH series CPAP system with its stylish and attractive design is the perfect partner to support you and your prescribed treatment goals. The integrated heated humidifier provides comfortable, quiet and reliable therapy and for people on the move, this CPAP therapy system is lightweight, compact and very sleek. The iCH is a CPAP that doesn't look like a CPAP; its elegant design allows you to place it anywhere in your home.

iCH series
 Continuous Positive Airway Pressure
[Compliance]³ + [Elegance] = Lifestyle



Holistic Healthcare Formula

$$[Compliance]^3 + [Elegance] = Lifestyle$$



The launch of the iCH series CPAP by Apex introduces a modern and exciting concept: The Holistic Healthcare Formula
[Compliance]³ + [Elegance] = Lifestyle

[Compliance]³

An alternative definition to enhance the improvement of CPAP therapy and improve the patient's well-being is no longer a myth. Upholding the advancement of patient's lifestyles and improving clinical conditions, iCH compliance technology has:

1. Stable and precise pressure output
2. PVA pressure relief technology
3. Efficient humidification delivery

[Elegance]

The iCH CPAP system has been designed to merge effortlessly into your life and your home. Stylish and aesthetically appealing, iCH CPAP therapy promotes psychological and social confidence in the provision of effective therapy.

Simple and functional when delivering compliance; iCH enhances all aspects of the Holistic approach, enabling freedom in lifestyle and improved quality of life.

iCH Integrated CPAP with Heated Humidifier

- Stylish, high-quality design.
- Lightweight and compact.
- Extremely quiet and discreet.
- Enhanced algorithm for improved compliance.
- Cool blue back-light.
- Anti back-flow mechanism preventing water spillage.
- SD card and USB connection for data retrieval.



Easy assembly and disassembly of the water chamber with a simple hook and lock design



Clear backlit LCD display and intuitive user interface for easy operation



Small footprint to be easily packed into carry-on luggage

Features Overview

Model	iCH Prime	iCH Auto
Auto-Adjusting Pressure	—	●
PVA Pressure Relief Function	●	●
Efficacy Reporting (AHI, Leak)	●	●
Compliance Reporting	●	●
Dual Downloading Ports (SD card & USB cable)	●	●
Leak Compensation	●	●
Auto Altitude Adjustment	●	●
Clock/Alarm Function	●	●

Specifications

Model	iCH Prime / iCH Auto
Pressure Range (cmH ₂ O):	4.0 - 20.0 (0.5 cmH ₂ O increment)
Ramp Time (min):	0-45 (5 min increment)
Ramp Starting Pressure (cmH ₂ O):	3.0 to Therapy pressure (0.5 cmH ₂ O increment)
Data Storage:	730 summary sessions 18 detailed sessions
Sound Level:	under 28 dBA
Humidification:	Patient-adjustable; 6 settings
Water Capacity:	300 ml
Dimensions (W x D x H):	6.5" x 7.8" x 6.9" (16.5 cm x 19.7 cm x 17.4 cm)
Weight:	1.14kg (2.51 lbs)
Power Supply:	AC: 100V-240V, 50/60Hz, universal power supply DC: 24V
Operating Range:	+5 °C to +35 °C (+41 °F to +95 °F); 15% to 95%RH non-condensing
Storage Range:	-15 °C to +50 °C (+5 °F to +122 °F); 10% to 90%RH non-condensing
EN60601-1 Classification:	Class II, Type BF, IP21, IEC 60601-1-2 EMC Compatibility

*Measured in accordance with ISO 17510 & ISO 8185

*Pressure stability and humidity output specifications in compliance with German Heil & Hilfsmittel Verzeichnis

Ordering Information

Order No.	Description	Order No.	Description	Accessories	Accessories	
SF06102	iCH Prime (EU Plug)	SF07102	iCH Auto (EU Plug)	SH00002	Water chamber	
SF06103	iCH Prime (UK Plug)	SF07103	iCH Auto (UK Plug)	SF00001	6' CPAP Tubing	
SF06104	iCH Prime (AU Plug)	SF07104	iCH Auto (AU Plug)	SF00002	SD card	
SF06105	iCH Prime (JP Plug)	SF07105	iCH Auto (JP Plug)	SF00004	Filter (5 per pk)	
SF06106	iCH Prime (US Plug)	SF07106	iCH Auto (US Plug)	SF00007	Carrying Bag	
					SF00008	USB Cable

Easy Compliance Software: meeting the demands for Retrieving Comprehensive Sleep Data

The SD card is a simple, secure and effective way to access patients' compliance and data. Retrieving the patient's recorded sleep data is simple and efficient. The Easy Compliance Software produces comprehensive reporting and mapping information for clinicians and home care providers to understand the needs of their patients.

Efficacy and usage compliance data are key factors in determining therapy solutions. The APEX iCH series CPAP has been designed to provide an easy-to-use interface for the professional, which will improve patient outcomes, communicate the benefits of this clinically effective technology and reduce follow-up costs.

