



## Transcend™ Fact Sheet

Transcend is changing the way CPAP therapy is delivered. Transcend is the smallest, lightest, most portable and CPAP and better system in the world and is the *first and only* fully-portable, fully-powered, and fully-featured CPAP system on the market. Weighing less than one pound, Transcend fits in the palm of the hand making it ideal for travel *and* for every night use at home.

Transcend is the only CPAP on the market that offers the option of patent pending heat moisture exchange (HME) technology that eliminates the hassles of water-filled humidifiers. Heat moisture exchange humidification has been used in hospitals for more than 50 years to provide heat and moisture to critically and chronically ill patients on ventilators. Until Transcend, no CPAP manufacturer has been able to crack the code for using this unique – and important – technology in sleep apnea therapy.

Transcend can be used as a traditional CPAP using the Transcend Bedside Docking Station™ or worn on the head for maximum flexibility and mobility. Because it features waterless humidification, Transcend can be placed securely on the bed, on a pillow, in the bed stand drawer, or on the floor – wherever it's most convenient.

Unique air bearing blower technology makes Transcend quiet and vibration-free. Transcend can deliver vibration-free therapy at a quiet 29 dB sound pressure level. Transcend automatically adjusts for altitude up to 8,000 feet. AHI and leak detection reporting is standard, so users know the therapy is working night after night.

## Product Family



### **Transcend Sleep Apnea Starter System™**

The Transcend Sleep Apnea Starter System features the Transcend CPAP and Universal Hose Adaptor that makes Transcend compatible with any standard 6-foot CPAP hose and any mask. An upgrade to one of the patent pending Transcend Waterless Humidification options allows use anywhere with no water, no hassle, no cleaning, and no mess. Adding an optional Transcend Overnight or Multi-night battery enables worry-free sleep anywhere with ample power for use through the night, whether sleeping under the stars or resting at home during a power outage.

Transcend Sleep Apnea Starter System includes:

- Transcend CPAP
- Universal Hose Adaptor
- Standard 6' CPAP hose
- Universal AC power supply
- Travel bag
- Printed quick guide
- User information CD
- Video user guides on DVD



## **Transcend Waterless Humidification™**

### **How it works**

The hygienic heat and moisture exchange (HME) capsule is disposable and has no electric elements. HME captures the warmth and moisture from the user's breath while CO<sub>2</sub> passes through the filter and out the mask vent leak. Then, as the user inhales, the HME delivers that heat and moisture back to them.

### **Hassle-free humidification**

Traveling with humidification is easier when it's waterless. That means no cleaning, no distilled water, no break downs, and no malfunctions. The HME filter cartridge is replaced once a week.

### **Pressure regulated at the mask**

Regulating therapy pressure at the mask gives more consistent and concise therapy pressure than by regulating at the CPAP, six feet away.

### **Small, portable, and complete**

The HME filter cartridge is small - the diameter of a quarter – making the whole Transcend System small, portable, and lightweight. The Transcend Waterless Humidification System completes the compact CPAP system for hassle-free travel or use at home.

### **Compatible with the most popular nasal seals on the market**

The proprietary HME-compatible interface uses adaptor rings that allow use with the most popular nasal seals on the market, including:

- ResMed Ultra Mirage™ II Nasal Seal
- ResMed Mirage Activa LT SoftGel™ Nasal Seal
- ResMed Mirage Activa LT™ Nasal Seal
- ResMed Mirage Activa™ Nasal Seal
- Philips Respironics ComfortGel™ Original Nasal Seal
- Philips Respironics ComfortGel™ Blue Nasal Seal



**Transcend H<sub>6</sub>B Waterless Humidification**

**System features:**

- Transcend H<sub>6</sub>M 6- foot air delivery hose
- Transcend H<sub>6</sub>M headgear
- Forehead pad assembly
- Mask shell assembly
- Mask adaptor ring
- 4 HMEs



**Transcend H<sub>9</sub>M Waterless Humidification**

**System features:**

- Transcend H<sub>9</sub>M 9-inch air delivery hose
- Transcend H<sub>9</sub>M headgear
- Forehead pad assembly
- Mask shell assembly
- Mask adaptor ring
- 4 HMEs

Note: The forehead pad assembly, mask shell assembly, mask adaptor ring, and HMEs are interchangeable between the H6B and H9M Systems.

## **Transcend P<sub>4</sub> Overnight Battery System™** **Transcend P<sub>8</sub> Multi-night Battery System™**

The Transcend P<sub>4</sub> Overnight and P<sub>8</sub> Multi-night Battery Systems bring innovative technology to CPAP performance that doesn't require much power or a juice-guzzling humidifier heating element. The new Transcend battery systems offer a full or multiple night's sleep anywhere with uninterrupted backup power during storms and brown outs. The Universal AC power supply provides worry-free power all night.

Both systems come with integrated chargers that operate by connecting to the Transcend Universal AC power supply or Transcend DC Mobile Power Adaptor.



### **Transcend P<sub>4</sub> Overnight Battery System™**

- Provides a full night's sleep before requiring recharging
- Weighs just over half a pound

### **Transcend P<sub>8</sub> Multi-night Battery System™**

- Provides multiple night's sleep before requiring recharging
  - Weighs one pound, one ounce
- 
- Creates a complete portable CPAP system
  - Both Transcend P<sub>4</sub> Overnight and P<sub>8</sub> Multi-night Battery Systems feature a battery pouch that comfortably attaches to an arm band.

## Specifications

### Transcend Sleep Apnea Therapy Starter System

Operating Pressure:	6 – 16 cmH2O 1 cmH2O increments Automatic altitude adjustment ≤ 8,000'
Ramp Operation:	0 to 45 min + 25% time variance Adjustable starting pressure
Compliance Information:	AHI & leak detect Total therapy hours Therapy session ≥ 8 hours, 6 hours, and 4 hours Total blower hours 13 months daily compliance storage
Dimensions:	6.1 in x 3.5 in x 2.8 in
Weight:	.94 lbs
Sound pressure level:	29 dB
Power supply:	100 - 240 VAC, 50-60Hz, 19VDC, 2.6 Amp
Air filter:	Disposable filter frame
Operating range:	40° - 95° F 10% - 80% relative humidity, non-condensing
Storage range:	-4° - 140° F 10% - 90% relative humidity, non-condensing
Warranty:	2 years
EN60601-1:	Class II Type BF, IPXO IEC60601-1-2 EMC compatibility

### **Transcend Sleep Apnea Therapy P<sub>4</sub> Overnight Battery System**

Proprietary design:	14.4 VDC, 4S1P Li-ion
Recharge time:	< 5 hours with completely depleted cells
Charge indicator:	LED
Dimensions:	4.1 in x 3.15 in x .9 in
Weight:	.6 lbs
Operational time:	7-9 hours @ 14 cmH <sub>2</sub> O
Operating range:	32° - 113° F 10% - 95% relative humidity, non-condensing
Storage range:	-4° - 140° F 10% - 95% relative humidity, non-condensing
Warranty:	9 months
Standards Compliance:	UL 2054 (2 <sup>nd</sup> Ed.): 2004 IEC 62133 (1 <sup>st</sup> Ed.): 2002 IEC 60601-1-2 EMC compatibility

### **Transcend Sleep Apnea Therapy P<sub>8</sub> Multi-night Battery System**

Proprietary design:	14.4 VDC, 4S2P Li-ion
Recharge time:	< 8 hours with completely depleted cells
Charge indicator:	LED
Dimensions:	4.33 in x 3.15 in x 1.66 in
Weight:	1.1 lbs
Operational time:	14-16 hours @ 14 cmH <sub>2</sub> O
Operating range:	32° - 113° F 10% - 95% relative humidity, non-condensing
Storage range:	-4° - 140° F 10% - 95% relative humidity, non-condensing
Warranty:	9 months
Standards Compliance:	UL 2054 (2 <sup>nd</sup> Ed.): 2004 IEC 62133 (1 <sup>st</sup> Ed.): 2002 IEC 60601-1-2 EMC compatibility

**Transcend Sleep Apnea Therapy System Mobile Power Adaptor**

Proprietary design: 19.4 VDC power conversion

Operating temperature: -4° - 95° F continuous

Storage temperature: -4° - 185° F

Charging receptacle: Standard 12 VDC mobile power plug i.e.;  
cigarette lighter outlet

Powers and recharges Transcend Sleep  
Apnea Therapy System and battery

Warranty: 2 years  
TUV EN60950  
CULus1950  
UL2089