

# Taking you to new heights in CPAP therapy



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**everest™**

The pinnacle of CPAP therapy.™

AEIOMed brings new flexibility and affordability to CPAP therapy with the introduction of the first truly compact all-in-one portable CPAP system.

# Everest™ The pinnacle



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## Everest™ Integrated System CPAP

The Everest CPAP offers the features healthcare providers expect in today's busy environment — pressure from 4-20 cmH<sub>2</sub>O, patient-adjustable ramp, automatic altitude adjustment, leak compensation, international power supply, compliance meter, simple set-up and more — all in a sleek, compact unit.

2

## Everest™ Integrated System Humidifier

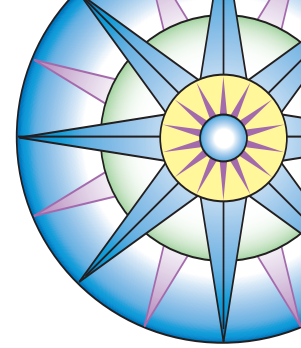
The Everest heated humidifier integrates completely into the CPAP. The humidifier's docking bay slides directly onto the bottom of the CPAP, providing the electrical connection for the system. The humidifier heating is controlled via the humidifier button on the CPAP.

3

## Everest™ Integrated System Battery

The proprietary Everest battery is an optional component, and offers flexibility and mobility to patients who lead an active life style and want to be able to use their CPAP system wherever and whenever they need it without being confined by the availability of AC power or an outlet. The battery also ensures peace of mind by providing seamless battery back-up in case of loss of wall power.

# in CPAP therapy.™



4

## Everest™ Integrated System Mobile Adapter

The optional Everest mobile adapter brings increased portability and freedom to patients who have access to a mobile power receptacle, such as a vehicle cigarette lighter. The proprietary Everest adapter will run the CPAP system with heated humidifier and it can be used to recharge the Everest Integrated System Battery in 4 hours or less when you're out and about. At AEIOMed we're removing the excuses from CPAP therapy.



5

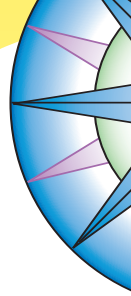
## Headrest™ with Nasal Seal

The Headrest headgear is the foundation of a great interface and when paired with the easily fit nasal seal each patient is sure to find the perfect fit™. An integral part of the Everest Integrated CPAP system, the Headrest with nasal seal provides a stable and unobtrusive interface which will become a comfortable part of CPAP therapy. The nasal seal rests lightly at the nares — touching only at the perimeter of the nares; a flexible over-molded, stainless steel wire allows for fine adjustments. Attaching the nasal seal to the Headrest is done with a simple twist and two seal sizes are packaged in every kit to ensure the perfect fit. The Headrest with nasal seal was designed with comfort in mind.



headrest™  
It's more than just headgear.™

# Everest™ Integrated CPAP System Specifications



## 1 Everest™ Integrated System CPAP



**Operating pressure:** 4 – 20 cmH2O  
1 cmH2O increments  
Automatic altitude adjustment  
≤ 11,000'

**Ramp operation:** 5 – 45 minutes  
5 minute increments  
Adjustable starting pressure  
Patient adjustable

**Compliance information:**  
Total therapy hours  
Therapy sessions ≤ 8 hours, 6 hours & 4 hours  
Total blower hours  
**Dimensions:** 5" x 6" x 5"  
**Weight:** 2.1 lbs.  
**Power Supply:** 100 – 240 VAC,  
50 – 60 Hz, 19 VDC  
**Air filter:** Washable foam  
**Operating range:** 40° – 104° F  
10% – 95% relative humidity,  
non-condensing  
**Storage range:** -30° – 150° F  
10% - 95% relative humidity,  
non-condensing  
**Warranty:** 2 years  
EN60601-1 Class II  
Type BF, IPX1  
IEC60601-1-2 EMC compatibility  
US FCC Part 15 Class B

## 2 Everest™ Integrated System Humidifier



**Reservoir capacity:** 240 ml.  
**Heat settings:** 0 (off) – 5 (warmest)  
**Maximum output humidity:** 88% relative  
**Safety temperature off:** 60° C  
**Dimensions:** 5" x 6" x 4"  
**Weight:** 1 lb.  
**Power source:** 100 – 240 VAC,  
50 – 60 Hz, nominal 14.8 VDC  
**Operating range:** 40° – 104° F  
10% – 95% relative humidity,  
non-condensing  
**Storage range:** -30° – 150° F  
10% – 95% relative humidity,  
non-condensing  
**Warranty:** 2 years  
EN60601-1 Class II  
Type BF, IPX1  
IEC60601-1-2 EMC compatibility

## 3 Everest™ Integrated System Battery



**Proprietary design:** 16 nominal 14.8 VDC, 4S3P Li-ion, replaceable cell pack  
**Recharge time:** < 4 hours with depleted cells  
**Charge indicator:** 4 bar capacity indicator  
**Dimensions:** 5" x 7.5" x 1.175"  
**Weight:** 1.5 lbs.  
**Operational time:** 11 hours @ 10 cmH2O with non-heated humidification; Heat settings will reduce battery time by ≥ 50%  
**Operating range:** 40° – 104° F  
10% – 95% relative humidity, non-condensing  
**Storage range:** -30° – 150° F  
10% – 95% relative humidity, non-condensing  
**Warranty:** 1 year  
EN60601-1 Class II  
Type BF, IPX1  
IEC60601-1-2 EMC compatibility  
US FCC Part 15 Class B

## 4 Everest™ Integrated System Mobile Adapter



**Proprietary design:** 19.4 VDC power conversion  
**Operating temperature:** -20° – 35° C continuous  
**Storage temperature:** -20° – 85° C  
**Charging receptacle:** Standard mobile power plug i.e. cigarette lighter Powers and recharges Everest™ Integrated CPAP or complete Integrated System  
**Warranty:** 3 years  
TUV EN60950  
CULus1950  
UL2089

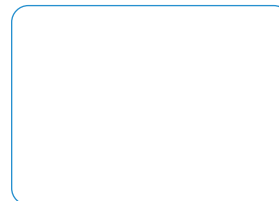
*Specifications are subject to change without notice*

## Everest™ Integrated System CPAP includes:



Everest™ CPAP  
6' – 22 mm hose  
Power supply and power cord  
2 pack air filters  
Custom System travel bag  
Matching interface travel bag  
Patient manual

## 5 Headrest™ with Nasal Seal Kit



Headrest™ headgear  
2 nasal seals – Medium & Large  
Patient manual



**AEIOMed, Inc.**  
Minneapolis, MN 55414  
www.aeiomed.com  
Toll free 866-755-2507  
Phone 612-455-0550  
info@aeiomed.com

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Headrest™  
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