

For the Transcend® 365 miniCPAP Auto[™]





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Notices

Somnetics[®]

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Introduction

Thank you for choosing the 365 miniCPAP Auto[™] by Transcend®- an obstructive sleep apnea medical device. The Transcend 365 miniCPAP Auto provides positive airway pressure in the range of 4-20 cmH2O and includes pressure relief on exhalation with EZEX[™] pressure relief technology.

- The 365 miniCPAP Auto's may be used every day on a bedside table and can be packed with you when you travel.
- An interactive LCD interface makes the 365 miniCPAP easy to operate.
- The 365 miniCPAP Auto[™] is the only continuous positive airway pressure (CPAP) device licensed to use integrated Capillary Force Vaporization[™] (CFV) humidification technology.* CFV instantaneously combines humidified vapor with the airstream when you inhale, providing a warm, moist, comfortable airflow. This humidification method requires less water than other humidification systems, which reduces the size of the humidifier.
- A DC power jack and USB port are also incorporated into the 365 miniCPAP Auto™.

*Capillary Force Vaporization[™] (CFV) humidification technology may be covered by one or more U.S. or foreign patents (patent 6,634,864, patent 7,431,570, patent 7,920,777, patent 8,201,752, patent 7,942,644, patent 5,008,207) and other U.S. or foreign patents pending.

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Note: For more detailed descriptions, warnings, cautions and troubleshooting procedures refer to the Transcend® 365 miniCPAP Auto[™] User Manual that is available for download at <u>www.MyTranscend.com/support</u> or by calling Somnetics customer service at 877-621-9626 to request a copy.

Components of the Transcend $\ensuremath{\mathbb{R}}$ 365 miniCPAP Auto^{\ensuremath{\mathsf{M}}}

Begin by unpacking all items from the 365 miniCPAP Auto[™] travel bag and inspecting them to ensure they were not damaged during shipment. Report any missing or damaged items to the home healthcare provider that sold the 365 miniCPAP Auto[™] to you.



Included with 365 miniCPAP Auto

- 365 miniCPAP Auto[™] device and integrated humidifier
- Universal power supply (PSA3) and power cords
- Travel bag
- Transcend® 365 miniCPAP Auto[™] Quick Guide
- USB cable

Accessories (sold separately)

- Air supply tube (compatible with standard 22 mm connector)
- P₁₀ Battery[™]
- Patient Mask

Assembling the 365 miniCPAP Auto Device

Your mask connects directly to the 365 miniCPAP Auto[™] via the air supply tube.

Follow these steps to assemble the Transcend 365 miniCPAP Auto™:

- 1. Connect your mask (sold separately) to an air supply tube with a standard 22 mm connector (sold separately).
- Connect the air supply tube directly to the 365 miniCPAP Auto[™] device, making sure it is fully seated.
- Plug the power supply into the 365 miniCPAP Auto[™]. Place device on a flat, stable surface.
- 4. Connect the appropriate power cord to the power supply and connect the power cord to a wall outlet.

Setting up the 365 miniCPAP Auto

Home Screen

When supplied with power, you will see the LCD Home screen.

Center-Power, 'Select' button, Home, and Therapy Mode Up- Settings Down- Humidification, Ramp Activation Left/Back- Compliance Report Right- Last Session Report

The top right white numbers on the Home screen show the set pressure (large number) and the minimum and maximum pressures (small, lighter numbers - 4 and 20 in this image).





- Pressing one of the **four directional buttons** (Up, Down, Left or Right) on the Control Panel will immediately bring up the section you highlight on the Home screen. When in a section, these buttons help you navigate to highlight areas and make choices.
- Note that the **Left button is also the "back"** button. Press it to move back a screen or navigate back to the Home screen.
- Pressing the Center (hard plastic) button will start the PAP blower and send you to the Therapy Mode Screen. Press the down button to activate Ramp, if desired.
 Note: When making choices in sections, navigate to highlight the value you want, then press the Center button to save your choice.

Using the LCD Screen

Therapy Settings



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Enter the Settings screen by pushing the Up button to highlight the icon, then press the Center button to select it.

In the **Settings** section you will see four subsections:

- Therapy Settings
- Mask/Tube Settings
- Language/Units
- Device Information

Patient Settings

Therapy Settings... Mask/Tube Settings... Language/Units... Device Information...

Press the Center button to enter the **Therapy Settings**.

Ramp Settings

The **Ramp** setting starts therapy pressure at a lower setting and gradually increases pressure until it reaches the prescribed therapy pressure, so you can fall asleep comfortably. To activate Ramp during therapy, press the down button.

From the Home screen, select the 'Setting's icon using the directional buttons and the Center button. Toggle down to highlight Ramp and press center button to make comfort adjustments.

Use the Up or Down button to change the Ramp pressure (you cannot go past your starting pressure). Remember to press the Center button to save your selection.

Thera	py Set	tings		
Mode Auto A	Adjust			
Pressi 4.0	ure 4.0	20.0		cmH ₂ O
Ramp 4.0 c	:mH ₂ O		0 minu	utes
EZEX 0				

Use the right arrow to highlight and the Center button to select Ramp Duration in minutes. Press the Up or Down buttons to change the duration from 0 to 45 minutes, moving through increments of five minutes. **Press the Center button to save your selection.**

EZEX Settings

The EZEX feature allows you to reduce pressure when you exhale for more comfortable therapy.

Push the Down button to highlight EZEX, then press the Center button to adjust settings. The EZEX settings adjust the amount of pressure drop on exhalation, so that you can comfortably exhale while using your CPAP.

Therapy S	Setti	ngs			
Mode					
Auto Adju:	st				
Pressure					
4.0 4	.0	20.0			cmH ₂ C
Ramp					
4.0 cmH	0		0	minutes	
EZEX					
0					

Use the Up or Down buttons to move the value from 0 to 3. A setting of 0 provides no exhalation relief, 3 provides the greatest exhalation relief. **Press the Center button to save your selection.**

Mask/Tube Settings

These settings help you select the appropriate mask and tube for optimal CPAP performance. Select the settings that apply for you. Use the Up/ Down buttons to highlight the setting, then press the Center button to make adjustments. Use the Up/ Down buttons to toggle through the setting options, then **press the Center button to save your selection**.



Language Settings

These settings help you select your native language and regional settings. Select the language that applies for you. **Press the Center button to save your selection.**

anguage					
English					
Units					
:mH,O					
					Ċ.

english

Use the Left/back button to toggle back through screen options or return to the Home screen.

Device Information

This screen shows device information.

Device	Information				
SN	B18A20034	FW	2E	C4	
NE	1234	VN	2.0	0.0	
BH	432.6	TH	40	5.8	
HT	335.3	WH	68	7.8	
HT♦	0.0	WH♦	0.0)	
FLT	0			0.XX	5 🔳
	000 000 000	000 000		6.3	Ε.
DT	2018/10/31 2	0:48:09		Ľ¢₿	ηĒ.

Quick Reference Codes:

- SN- Device Serial Number
- FLT- Fault code summary. See Fault and Alert Code section in device user manual for more information.
- QR Barcode- link to current manuals and use resources.

Humidifier Settings



From the Home screen, push the Down button to highlight the Humidifier section. Push the Center button to choose it.



Use the Up or Down buttons to move the humidification level from 0 to 10 (0 = no humidification, 10 = maximum humidification). You will see the water droplet icons move to a higher or lower value. Once you reach the desired setting, use the left and right buttons to toggle to the green check mark, if it's not already highlighted, then press the Center button to save your settings. To exit out of the humidifier settings without saving any changes, select the red X by using the left and right buttons to highlight it, then press the Center button.

Push the Left/back button to return to the Home screen and you will see your new humidifier setting displayed on the Humidification icon.

Humidifier LCD indicators in Standby Mode

Water Status Indicators

These indicators will only be displayed if humidifier is set to a level > 0. They will appear in lower right portion of the Home Screen

Flashing Blue Droplet - Out of Water



Indicated by a flashing blue droplet. Humidifier will be disabled during therapy. Can be caused by:

- No water in the reservoir only displayed if heater/humidifier is set to level > 0.
- If this status appears but there is water in the reservoir, it indicates an error likely due to moisture in the CPAP. Allowing the system to dry out may correct the issue. To do this, run the CPAP in Dry Mode. Note: After drying the system, disconnect and reconnect the power source to ensure the status is reset.

Flashing Yellow Droplet and Diamond – Tap Water Detected



Only distilled water should be used with this humidifier. A flashing yellow droplet and yellow diamond indicate that water other than distilled water is detected in the reservoir. The humidifier can still be used, although doing so with any type of water other than distilled will shorten heater life and may void the warranty on the heater. This indicator may be caused by:

- Using water that is less pure than distilled water in the reservoir.
- Using distilled water in a reservoir that previously had tap water and wasn't sufficiently rinsed. If this is the case, it is recommended to dump out the reservoir water and rinse with distilled water. Replace water in reservoir with distilled water for use.
- Or, the water signal is corrupt and reporting an incorrect value. This is most likely caused by moisture in the CPAP. Allowing the system to dry out may correct the issue. To do this, run the CPAP in Dry Mode. Note: After drying the system, disconnect and reconnect the power source to ensure the status is reset.

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Flashing Red Droplet and X – Bad Water Signal Detected



Indicated by a flashing red droplet and red X'. The humidifier will be disabled during therapy.

This indicates a corruption, most likely caused by moisture in the CPAP. Allowing the system to dry out may correct the issue. To do this, run the CPAP in Dry Mode. Note: After drying the system, disconnect and reconnect the power source to ensure the status is reset.

Heater Status Indicators

These appear in lower right portion of the Home Screen (next to the humidification icon)

Flashing Red Exclamation (!) – Heater Over-Temperature Detected



Indicated by a flashing red exclamation point.

• During the last therapy session, the heater reached a heat cutoff condition and turned off for the remainder of the session. The status will be reset when the next therapy session is started and humidification will be enabled. If the status persists after subsequent therapy sessions, allowing the system to dry out may correct the issue. To do this, run the CPAP in Dry Mode. Note: After drying the system, disconnect and reconnect the power source to ensure the status is reset.



Flashing Red X – No Heater Detected

Indicated by a flashing red X. The humidifier will be disabled. Caused by:

 This indicates a corruption, most likely caused by moisture in the CPAP. Allowing the system to dry out may correct the issue. To do this, run the CPAP in Dry Mode. Note: After drying the system, disconnect and reconnect the power source to ensure the status is reset.

If assistance is needed to reset an indicator, contact your medical equipment provider or Somnetics customer service 877-621-9626.

Combination Indicators

The Water and Heater status symbols are not mutually exclusive. It is possible that both issues may occur and will be shown in combination in the lower right portion of the LCD screen.

Example:



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Humidifier LCD indicators in Therapy Mode

During therapy, the water/heater status and the humidifier setting is displayed in the lower right corner of the screen. The status consists of a water droplet that can have one of three colors:

- Gray droplet Humidifier is disabled because humidifier setting is 0 (off).
- Blue droplet Humidifier is enabled and operating.
- Red droplet Humidifier is disabled because a condition was detected that does not permit humidifier operation.

Most users will be asleep and unaware if the status condition changes during the night. Additional status information is displayed on the Home screen in Standby (see section above) after therapy.

Therapy with Humidifier turned off (setting 0)



The gray droplet indicates that the humidifier is not active.

Therapy with Humidifier ON (setting > 0)

Normal operation, no errors, heater enabled.



The blue droplet indicates that the humidifier is active. Note: This includes cases where decreased water quality (tap water) was detected.

Error condition detected, humidifier disabled.



The red droplet indicates that the humidifier is not active. Normal CPAP therapy is not affected. This can be caused by any one of the following:

- Out of water condition detected.
- Bad water signal detected.
- Bad heater signal detected.
- Heater over-temperature detected.

More details about which error disabled the heater will be displayed on the standby screen (see LCD indicators in Standby Mode section) after therapy completes.

Standard user modes

Normal operation consists of four modes:

- Off When the device is not connected to a power source, the device is off.
- Standby When power is applied to the device the LCD screen lights up and the CPAP enters Standby Mode. Standby Mode is also initiated by pressing the power button when the device is in On Mode or if the mask is removed while in On Mode. As long as power is supplied to the device it will remain in Standby Mode until On or Drying Mode is initiated.
- On When in On Mode, the blower is working and regulated device therapy pressure is being generated. The LED lights remain off. On Mode is initiated by pressing the center button when the device is in Standby Mode and the mask is worn by the patient.
- Drying This mode is accessed from Standby mode. Press and hold the Up and Down buttons at the same time for three seconds to start Drying Mode. This mode will last 30 minutes unless you interrupt it by pressing any button. Drying mode flushes your CPAP device, tubing and mask of residual moisture left from a therapy session.

Starting Therapy

Allow the 365 miniCPAP Auto to adjust to ambient temperature after removing it from storage. To begin therapy, plug in the power supply to your 365 miniCPAP Auto and press the center button to begin therapy. Press the down button to activate Ramp, if desired.

Note: To begin therapy from the home screen, first ensure that no icons are highlighted, then press the center button. You may also start therapy from any screen by holding the center power button for three seconds.



Note: If the miniCPAP Auto[™] device loses power while delivering therapy, the CPAP will power on as soon as power is restored. The user must hit the Center button to resume therapy.

Using the Ramp Function

- Initiate Ramp by pressing the Down button after the Power button has been pressed (CPAP is already delivering air pressure).
 Note: The Ramp feature will not work unless your healthcare provider has preset the Ramp function for you.
- Pressure from the device will be lowered to a preset starting pressure and will gradually increase to your prescribed starting pressure.
- 3. To accelerate Ramp time, hold down the Down (Ramp) button. The device will quickly increase pressure until reaching your prescribed therapy pressure.

Ending therapy and entering Drying Mode

When you are finished with your therapy session, press the Center button to return your CPAP to Standby mode. Press and hold the Up and Down buttons for three seconds to start Drying Mode. This mode will last 30 minutes unless you interrupt it by pressing any button. After the 30-minute drying cycle, the blower will turn off and the device will automatically enter Standby Mode.

Dry mode flushes your CPAP device, tubing and mask of any residual moisture left from a therapy session.



Caution: Do not attempt to use the 365 miniCPAP Auto while in Drying mode. The device will not provide the prescribed therapy pressure while in Drying mode.

The 365 miniCPAP Auto Humidifier

The 365 miniCPAP Auto[™] is the only continuous positive airway pressure (CPAP) device licensed to use advanced, built-in Capillary Force Vaporization[™] (CFV) humidification technology. CFV instantaneously combines humidified vapor with the airstream on inhalation for warm, moist, comfortable airflow. This unique humidifier utilizes a wick to draw distilled water up to the heating element, which then delivers warm vapor upon inhalation. This specialized method of delivering humidification requires less water, significantly reducing the size of the humidifier.

Caution: <u>Distilled water is required for use with this device</u> because of the humidifier's unique heating element. Failure to use distilled water will void component warranty. Failure to use distilled water will also damage the humidifier and its heating element, requiring these pieces to be replaced.

Filling the Reservoir

 To remove the reservoir from the CPAP, first disconnect the power source to your CPAP, then set the device on a flat, stable surface and secure the reservoir with one hand while you lift and remove the CPAP with your other hand. The pieces are simply joined by magnets- there is not a button or latch that releases the humidifier from the CPAP device.



 Hold the reservoir at a slight angle and <u>fill it with distilled water only</u>. This step is best performed over a sink in case you spill water while filling the reservoir.

Caution: Do not perform this operation near electronic equipment. Always unplug the power source to your CPAP before attempting to remove the reservoir.



3. Check the reservoir is at its full capacity by holding it vertically and viewing the water level. The water should be level with the max fill line.





4. Repeat steps 2 and 3 as needed to fill and check the distilled water level in the reservoir. The reservoir should be completely filled before each use.



Figure 1 Line the heater cartridge up with the opening in the reservoir. Lower the device onto the reservoir. Magnets will engage to hold the two parts together.

5. Once the reservoir is filled completely, set it on a secure, flat surface and line up the CPAP heater cartridge with the opening in the reservoir.

Hold the reservoir in place and set the CPAP onto it so that the magnets snap the pieces together securely.

Replacing the Heater Wick

Periodically, your heater wick will need replacement. If after using the device for several months you experience dry nose or throat symptoms, this may indicate the need to replace the wick. To order a replacement wick, call our customer service line at 877-621-9626.

1. Disconnect the power source, remove the humidifier reservoir, then turn the CPAP device over and you will see the wick cover. Turn it a half turn and pull to remove it.



- 2. Pull out the old wick to remove it.
- 3. Insert the new wick and wick cover assembly. Handle it by touching the wick cover only- do not touch the new wick media to avoid contamination.
- 4. Lock the wick cover by giving it a half turn.

Heater Cartridge Replacement

If your heater cartridge should fail, you will see an alert notice on the LCD screen. Note: To replace the heater cartridge, contact your CPAP dealer or Somnetics 877-621-9626.

Caring for your 365 miniCPAP Auto™

The 365 miniCPAP Auto[™] device is a maintenance-free device. However, it's important to keep it clean to ensure maximum efficiency and durability. Cleaning cycle frequencies identified below are checked against product service life.

Warning:

- Unplug the 365 miniCPAP Auto[™] before cleaning.
- Do not submerge the 365 miniCPAP Auto[™] or power supply in liquid.
- Prevent water from entering any openings of the device.
- Do not use harsh or abrasive cleaning agents to clean the device or any components.
- Do not attempt to sterilize the 365 miniCPAP Auto[™].
- Do not place cleaning materials, such as a cloth or liquid, into the device air inlet or air outlet connector.

Cleaning the CPAP Unit

Follow these instructions to clean the exterior of the 365 miniCPAP Auto[™].

Wipe the device with a dry, lint-free cotton cloth

Exterior cleaning of the device should be performed as follows:

Product Periodic Cleaning Cycle		Product Service Life		
365 miniCPAP Auto™	Weekly	5-Year		

Caring for the Humidifier Reservoir

Follow these instructions to care for the humidifier reservoir.

- 1. Rinse the reservoir with distilled water weekly.
- 2. Reattach the humidifier reservoir to the PAP device.
- 3. Press and hold the Up and Down buttons for three seconds to start Drying Mode. This mode will last 30 minutes unless you interrupt it by pressing any button. After the 30-minute drying cycle, the blower will turn off and the device will automatically enter Standby Mode. Dry mode flushes your CPAP device, tubing and mask of any residual moisture.
- 4. Refill the reservoir with water prior to next use.

Replacing the Filter Media

During therapy, ambient air is drawn into the 365 miniCPAP Auto[™] through an Air Inlet Filter. The Filter Media is very simple to replace. Simply turn the unit over and look for the door on one end that pops open easily.

Open door to remove the used filter media, replace with new filter media and secure the filter door. The filter media should be replaced after 6 months of use or sooner if it is dirty.



Questions? Contact Somnetics customer service 877-621-9626.

Remove filter