

Patient Compass

Your companion for the prisma 20C / 20A /
25S / 25ST / 30ST / CR therapy devices*

*The availability of the devices varies from region to region.



Congratulations on your new therapy device!

Equipped with state-of-the-art medical technology tailored to your needs, it will help you on your way to restful sleep and thus a better quality of life.

We have summarized the most important information about the therapy device for you in this patient compass so that you feel comfortable with your new therapy companion from the very outset and can start your therapy right away.

You can also find more interesting and helpful information in the user films on starting therapy on our website www.loewensteinmedical.com.

We wish you all the best!



This document is no substitute for the instructions for use.
Complete information can be found in the instructions for use.

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Prepare the therapy device

The power supply must be ensured for you to be able to use the therapy device. The hose and mask must also be connected.

Connect the therapy device to the power supply

- Plug the mains connection cable of the power supply unit into the connection for the power supply of the therapy device (voltage input) at the back.
- Now plug the free end of the mains connection cable into the socket.



Connect the breathing tube and mask

- Connect the breathing tube to the device outlet of your therapy device as shown in the photo.
- Now connect the breathing tube to the ventilation mask, e.g. with our comfortable CARA mask, which will automatically fit almost anyone.

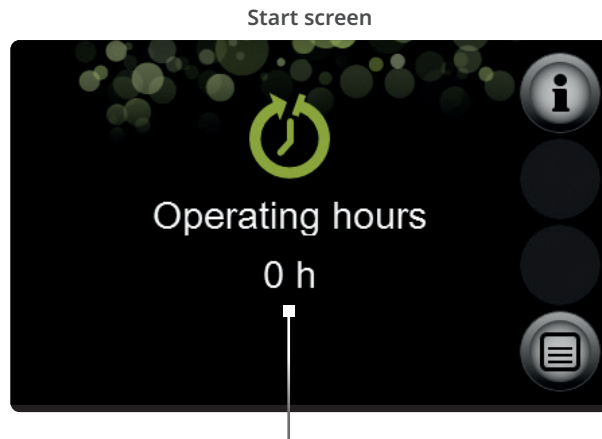


If you want to disconnect the therapy device from the power supply, press the hook on the plug and pull out the plug. Do not pull on the mains connection cable.

Explanation of the on-screen symbols and displays

When you switch on your therapy device, a display will appear on the screen for 30 seconds informing you about the patient-related operating hours of your device. If, for example, your specialist dealer should ask you about the patient-related operating hours of your device, you can easily read these on the screen within the first 30 seconds after switching on the device.

The screen then shows that the device is in "Standby" mode.

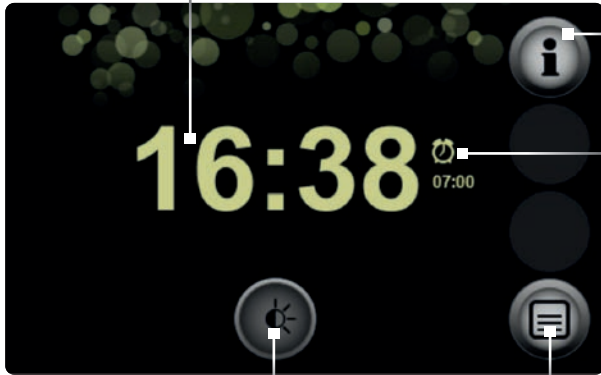


Patient-related operating hours display

This displays the patient-related operating hours of the device for 30 seconds.

Time with wake-up time
Set by pressing the time.

Screen in "Standby" status



Info menu button
Provides access to
the info menu.

Wake-up time
Alarm clock is
switched on.
Displays the set
wake-up time.

Dimmer button
Switches the display
to dark.

Menu button
Provides access
to the settings.

Button functions



Navigate one screen
forward



Navigate back
one screen



Confirm



Delete settings



Back to the start screen



Access to the main menu

Start therapy/end therapy

You have two options for starting your therapy:

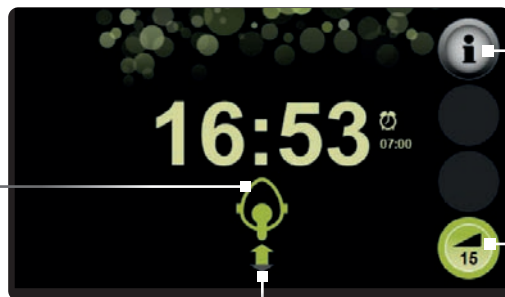
Briefly press the on/off key 

or

If the AUTOSTART function is activated: Breathe forcefully into the mask and your therapy device switches on automatically. Make sure that the breathing tube is positioned so that it is not squeezed and does not hinder you from falling asleep.

Screen in "Therapy" status

Mask symbol
Indicates how well the breathing mask fits.
 means: no leakage;
 means the mask fit is insufficient.



Breathing status symbol
Displays the current breathing status (inhalation/exhalation).

Info button
Displays detailed information on the current therapy.

softSTART button

- Switches the softSTART function on or off.
- Displays the remaining running time of the softSTART in minutes.



The screen automatically switches to dark after 30 seconds so that you can sleep undisturbed. Therapy continues as normal. As soon as you press the screen, the start screen is displayed again.



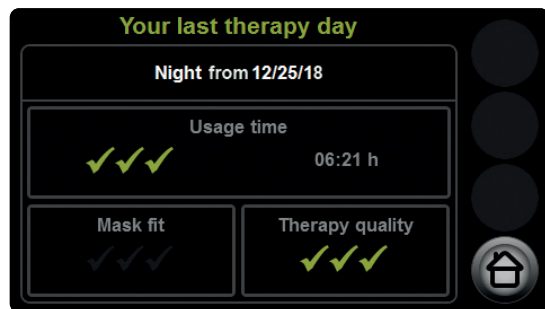
You can activate the autoSTART and autoSTOP functions in the main menu using the "Comfort" button, see page 14.

You have two options for ending your therapy:

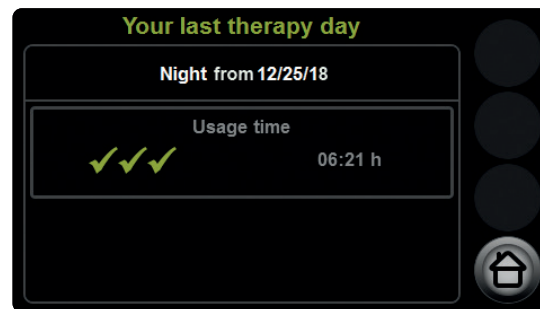
Briefly press the on/off key 

or

If the AUTOSTOP function is activated: Remove the ventilation mask.
The therapy ends automatically after a few seconds.



or



The last therapy is displayed. The more green ticks you see (maximum 3), the more effective the therapy was.

Depending on the device settings made by your doctor or specialist dealer, only the duration of use may be displayed.

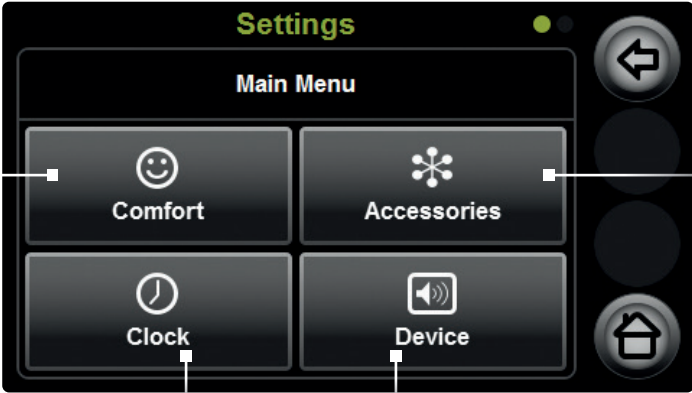


To switch the device off, press and hold the on/off key for longer than 4 seconds.
To switch the device back on, press the on/off key once.

Adjust settings in the menu

In the settings menu, you can adjust settings for the comfort, accessory, time and appliance parameters. To do this, the therapy device must be in "Standby" mode. The availability of the menu items listed depends on the ventilation mode and the configuration (setting) of the therapy device.

Push menu button .



Settings

Main Menu

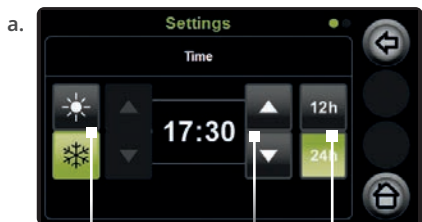
- Comfort**
 - Comfort parameters
 - autoSTART*
 - autoSTOP (only in prisma30ST)*
 - softSTART pressure *
 - softSTART time *
 - softSTOP time (prisma30ST only)
 - Mask test pressure
 - softPAP*
 - smartAQUAcontrol* (with humidifier connected)
- Accessories**
 - Accessory parameters
 - Hose type (15 mm or 19 mm diameter)
 - Air filter change (optional)
- Clock**
 - Time parameters
 - Time *
 - Time zone *
 - Wake-up time *
- Device**
 - Device parameters
 - Display brightness
 - Leakage alarm
 - Energy saving *
 - Button tone volume
 - Alarm volume *
 - Alarm clock volume

*** These parameters are presented on the following pages.**

Make sure that under Accessories the hose type is always set to the diameter you are using.

Set time

Press the “Time” button and then “Clock time” to access the following screen (a.). Here you can set your device to summer or winter time. You can also use the arrow buttons to change the minutes and choose between 12 or 24-hour clock.



Here you can choose between summer and winter time.

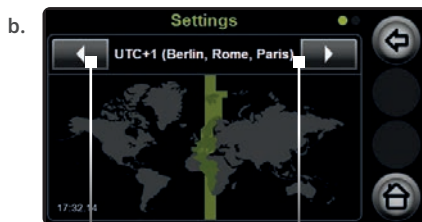
Arrow buttons
To set the minutes.

Here you can choose between 12-hour and 24-hour clock.

Set time zone

To set the right time zone for you, the screen (b.) must look like the one below. You can now set your zone using the arrow buttons.

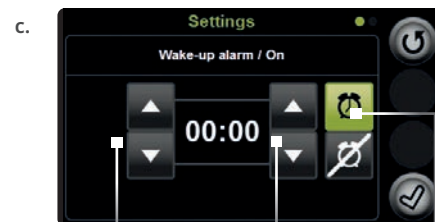
UTC is the abbreviation for Coordinated Universal Time.



Arrow buttons
To set the time zone.

Set the wake-up time

For the wake-up function of your therapy device, select the following screen (c.). Use the arrow buttons on the left to set the hours and the arrow buttons on the right to set the minutes. You can use the alarm signal buttons to switch the alarm clock on and off.



Arrow buttons
To set the hours.

Arrow buttons
To set the minutes.

Wake-up signal buttons
For switching the alarm clock on and off.



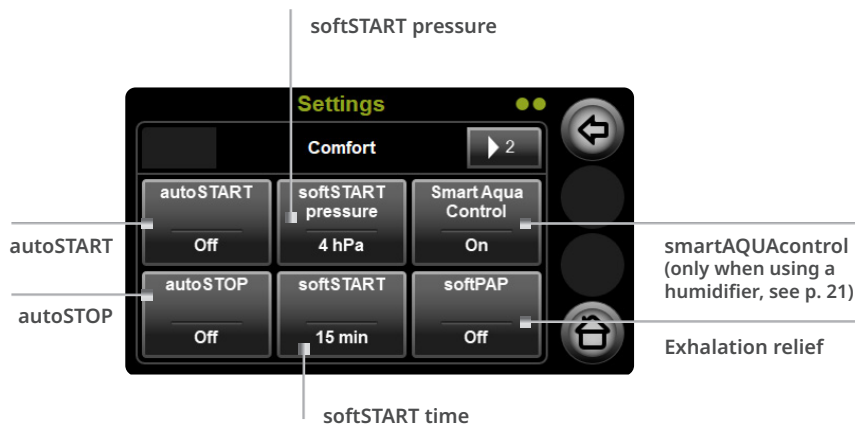
Please note that when correcting the time, the time can only be set back to the last end of therapy. This also applies when switching from summer to winter time. Otherwise, wait at least one hour after the end of therapy and try again.

autoSTART, autoSTOP

To make your therapy even more comfortable, your therapy device offers an autoSTART and autoSTOP function.

If autoSTART is activated, the therapy device can be switched on simply by breathing into the mask.

If you remove the mask from your face after therapy, your device will switch off automatically after a few seconds if the autoSTOP function is activated. When using nose pad masks or non-compatible mask systems, the autoSTART and/or autoSTOP function may be restricted.



softPAP - exhalation relief

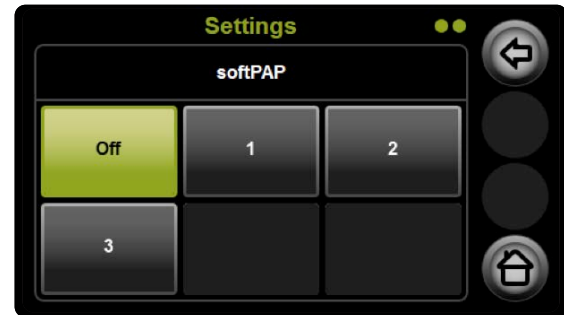
SoftPAP stages 1 and 2 are intended for patients who find it uncomfortable to exhale against a high pressure. softPAP reduces the pressure during the transition to exhalation.

Level 3 is suitable for patients who experience shortness of breath at a low pressure. The pressure is increased slightly during inhalation.

Level 1: low exhalation relief

Level 2: normal exhalation relief

Level 3: normal exhalation relief plus inhalation relief



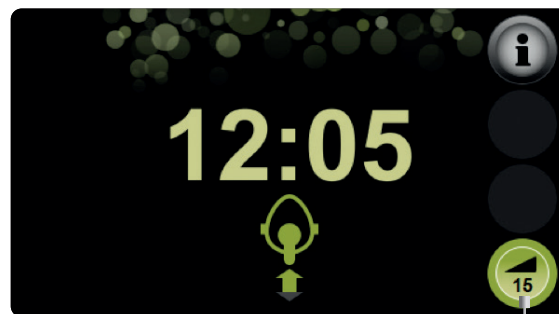
softPAP is only available in CPAP and APAP modes.
The softPAP function and the setting option by the patient must have been activated by the doctor or specialist dealer.

softSTART

The softSTART function is suitable for patients who find high pressure uncomfortable when awake and are unable to fall asleep.

You can use the softSTART button to switch the softSTART function on or off. The softSTART button shows the remaining running time of the softSTART function.

If SOFTSTART was active during the last therapy, softSTART will start automatically at the start of the next therapy.



softSTART button
(during therapy)



Only in prisma30ST:
The softSTOP function is also available here.
softSTOP ensures a comfortable end to therapy by slowly lowering the pressure.



The softSTART and softSTOP functions (in the prima30ST) must have been activated by a doctor or specialist dealer for you to be able to use them. If they were not, the softSTART button will not be visible.

Leakage alarm

Here you can set whether or not an alarm should be triggered in the event of a leak. This allows you to adjust the fit of your mask at night. This prevents side effects or reduced treatment quality due to excessive leakage.



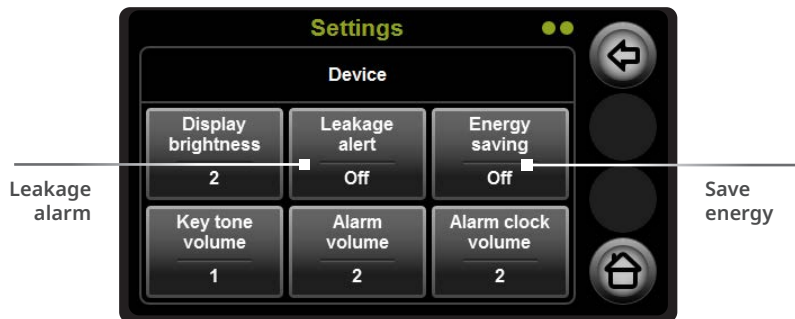
If this function cannot be selected, it must be activated by your doctor or specialist dealer.

Save energy

You can activate the "Save energy" function in the main menu of your therapy device. This function causes the device to switch off automatically after 15 minutes in standby mode.

There is also another way to save energy: If you press the on/off key for longer than 4 seconds, the device switches off completely.

To switch the device back on, press the on/off key once.



Cleaning the therapy device

Weekly

- a. Disconnect therapy device from the power supply.
- b. If available: Remove the respiratory air humidifier.
- c. Wipe the housing of the therapy device with a damp cloth.

Caution!

Risk of injury from electric shock!

Penetrating liquids can cause a short circuit, injure the user and damage the therapy device.

- Disconnect the therapy device from the power supply before cleaning.
- Do not immerse the therapy device and components in liquids.
- Do not pour liquids over the therapy device and components.

Monthly

Clean the air filter (gray filter):

- a. Remove air filter.
- b. Clean the air filter under running water.
- c. Allow the air filter to dry.
- d. Insert the air filter into the holder.



We recommend replacing the air filter every 6 months.

Monthly

Replace the optional pollen filter (white filter):

- Remove air filter.
- Remove and dispose of the pollen filter.
- Insert the new pollen filter into the holder.
- Insert the air filter into the holder.

Weekly

Clean the breathing tube:

- Remove the breathing tube from the therapy device.
- Clean the breathing tube with warm water and detergent.
- Rinse the breathing tube with clear water.
- Shake out the breathing tube thoroughly.
- Hang up the breathing tube and allow to drain.
- Dry the breathing tube.



We recommend replacing the pollen filter every month.

PrismaAQUA respiratory air humidifier

The prismaAQUA respiratory air humidifier is available as an accessory and is used in combination with the therapy device for dry upper airways and breathing air that is too cold. prismaAQUA may only be used at the recommendation of a doctor.

Preparation before first use

Remove the protective paper and clean the humidifier as described on page 22 "Cleaning".

Fill with water

- a. Press the release button on the therapy device.
- b. Remove the respiratory air humidifier from the side of the therapy device.



We recommend completely replacing the water in the humidifier several times a week.

- c. To open the respiratory air humidifier, reach into the lower recessed grip on the back of the housing and press lightly on the back of the housing with your thumb.
- d. Remove the upper part of the humidifier.



- e. If available: Pour out the water in the humidifier base.
- f. Fill the humidifier base with fresh, cold water up to the mark (max. 400 ml).



- g. Place the upper part of the humidifier on the lower part of the humidifier from behind and press lightly until it clicks into place.



Connect to the therapy device

- a. To connect the humidifier to the therapy device, first press the release button on the therapy device. Then remove the cover from the therapy device.



- b. Slide the respiratory air humidifier sideways into the therapy device until you hear the release button click into place. Make sure that both devices are placed on a firm surface, such as a table.

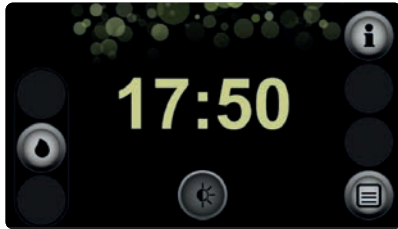


Before transporting your therapy device, remove the humidifier from the device and empty it.

Setting the respiratory air humidifier

When the humidifier is connected to the therapy device, it is ready for operation. The humidifier starts automatically when therapy is started. To make your therapy even more comfortable, you have the option of preheating the humidifier before starting therapy. To do this, press the humidifier button , set your preferred humidifier output and start your therapy a few minutes later. Humidifier levels 1 to 7 are available. 1 means the lowest and 7 the highest humidifier output. Which setting is suitable for you depends on the room temperature and humidity. Humidifier level 3 is the default setting.

Screen in “Standby, humidifier ready for operation” status



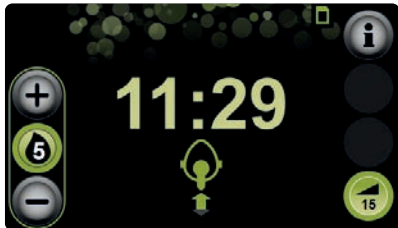
Press the  button.

Optional smartAQUAcontrol (SAC)

When using the prismaAQUA humidifier, smartAQUAcontrol can be switched on as an option: For a quick feeling of warmth in the air flow at the start of therapy and to ensure humidifier performance in phases with increased leakage.



Screen in “Therapy, humidifier active” status



Set the humidifier level:

Use the buttons  or  to increase or decrease the humidifier level.



Increase the humidifier level if your airways feel dry during therapy. Reduce the humidifier level if condensation forms in the breathing tube during therapy. If problems persist, ask your specialist dealer for a heatable hose, such as HYBERNITE Superday.

Cleaning

We recommend that you clean your respiratory air humidifier at least once a week.

- a. Remove respiratory air humidifier from the therapy device (see page 19).



- b. To open the respiratory air humidifier, remove the upper part of the humidifier (see page 18).



- c. If available: Pour out the water in the humidifier base.
- d. Remove the humidifier insert from the upper part of the humidifier.



- e. Clean the housing and humidifier insert with warm water and a mild detergent.
- f. Rinse parts with clear water and dry carefully with a soft cloth.

- g. Reinsert the humidifier insert into the upper part of the humidifier.
- h. Refill humidifier with water before the next use and connect it to the therapy device.



For additional information and tips on cleaning, see the instructions for use, chapter "Hygienic preparation of the respiratory air humidifier," and the Löwenstein Medical YouTube channel.

Accessories

The following optional accessories are available from your specialist dealer for even more comfort:

prismaAQUA respiratory air humidifier

For dry upper airways or breathing air that feels too cold

Patient tube

Ø 15 mm or Ø 19 mm for more mobility

prismaHYBERNITE

Heatable breathing tube for less condensation

Pollen filter

Additional protection against pollen and fine dust

Inverter 12 V/24 V

Travel accessories

Special cleaning brush for hoses

prismaBAG basic

prismaBAG premium

Transport bags





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