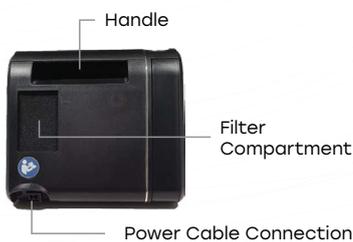


PRISMA20A & PRISMA20C

Provider Quick Guide

Device Overview



prisma CLOUD

FUNCTIONS



Modes

CPAP, APAP (Prisma20A only)



APAP Modes

std (standard) & dyn (dynamic)



Comfort-enhancing functions

autoSTART, autoSTOP, softSTART (ramp), pressure relief softPAP (optional softPAP 3 includes pressure support), mask test, PrismaAQUA humidifier with adjustable humidity (7 levels), heated tube



Modern connectivity

Telemedicine via modem, SD card, PSG, LAN

Opening the clinical menu

1. Hold down the info button  for > 4 seconds
2. Press login

Navigating the menu

- Use drop down at the top to change mode.  APAP
- Use  or  to scroll, only where there are further options available
- Press the menu button at bottom right to open main menu. 
- Select where to navigate. Press  to navigate back a screen, or home  to exit.
- Use touch to change settings as required and confirm changes with 

SPECIAL FEATURES

Benefits for Provider and Patient.



Convenient Telemedicine options

Prisma APP helps patients engage with their therapy journey and find improvements (more information available)



Prisma CLOUD offers telemedicine solutions for providers, both for day-to-day reporting and remote changes to device settings. Prisma CLOUD also offers provision for patient/s to be shared with another practice (e.g., doctor).

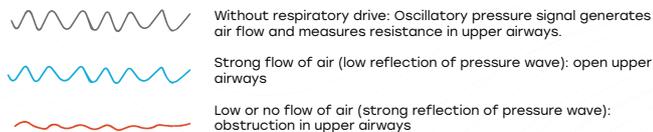
prisma CLOUD



Precise Event Recognition

The prerequisite to effective treatment. "Forced Oscillation Technique" (FOT) delivers reliable, precise differentiation between central and obstructive apnea. Additional technologies analyse tidal volume and flow signal to reliably (and uniquely) differentiate central and obstructive hypopnea. Other events recognised are periodic breathing, flow limitations, RERA, and snoring.

Forced Oscillation Technique (FOT)



Effortless touch operation

The combination of a large colour touch screen display and smart menu navigation ensures intuitive and quick use. Patients appreciate the premium feel, large clock display, and alarm clock feature.



Intelligent Humidification without sensors - Smart Aqua Control (SAC)

Intense output from the beginning to reach humidification rapidly and compensates to ensure adequate humidification in phases of increased leakage.



Deep sleep indicator

During therapy, Prisma RECOVER continuously analyses the patient's breathing pattern and recognizes the phases of stable respiration that indicate deep sleep, a particularly restorative sleep phase. Understandably, deep sleep is tricky to estimate with great accuracy; however, this score helpfully indicates the stability of breathing with a correlation to quality of sleep and outcome for that individual. For the first time ever, this function can assess therapy success regarding sleep quality in Prisma APP, Prisma JOURNAL, PrismaTS or telemonitoring with Prisma CLOUD.



Algorithm (pressure reaction) designed to fit patient's needs

Patients react with varying sensitivity to pressure adjustments. For effective therapy and breathing comfort, two options are available in APAP mode:

1. Dyn (dynamic) pressure adjustment for maximum normalization of inspiratory curve (especially mild flow limitations and snoring)
2. Std (standard) pressure adjustment with equal reliability in cases of serious events such as apnea and hypopnea and gentler pressure reaction for mild events, aimed at encouraging patient acceptance especially new users.

Additional mechanism prevents unnecessary pressure increases in response to central events with closed upper airways.



Adaptive and efficient algorithm (pressure reaction) for quality sleep

Overall algorithm mechanism is designed to achieve efficiency (lowest possible effective treatment pressures). The algorithms adaptive nature (dynamic modulation based on min and max pressure setpoint) allows further tailoring of response to optimise quality of treatment for the patient's experience.

Pressure Range*	Increase to Breathing Events	Decrease to Absence of Breathing Events
1st Quarter	"INTENSE" response	"GRADUAL" relief
2nd Quarter	"MODERATE" response	"MILD" relief
3rd Quarter	"MILD" response	"MODERATE" relief
4th Quarter	"GENTLE" response	"RAPID" relief

*Per the Pmin & Pmax Setpoints

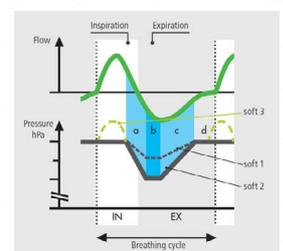


Pressure relief softPAP

During treatment, the pressure in CPAP and APAP modes is decreased at the start of expiration and then increased again to therapy pressure at the end of expiration/ commencement of next inspiration. The goal is to both make exhalation easier and effectively prevent events.

Prisma20A/20C include SoftPAP Level 3 which supports inspiration with a slight pressure increase to give the patient more breathing support and comfort.

All pressure relief is proportional based on pressure level, and the speed of ramping back up to prescribed pressure during expiration is based on breathing frequency.



Quietness & Quality

Prisma20A/20C are made in Germany and use a Swiss-engineered medical radial blower which offers unsurpassed quietness (including a pleasant tone), power, and precision. This turbine is suited for ventilatory performance of up to 40 cmH₂O of pressure.

