



# Azeer Home Ventilation



HOSPITAL    HOMECARE    DIAGNOSTICS

## Setting options

(The other adjustable parameters are changed automatically depending on your selection)

prisma20C · prisma20A · prisma25S · prisma25ST · prismaCR · prismaLAB			
Parameter	Available in mode	Possible values	Description
softPAP	CPAP / APAP	0 1 2 3	Deactivated Low exhalation relief Normal Normal with slight increase in pressure during inspiration
APAP	APAP	std dyn	Standard pressure regulation Dynamic pressure regulation
TRILEvel	AcSV, S, autoS, S/T, autoS/T	On Off	3 pressure levels IPAP, EPAP, EEPAP BiLevel
autoF	AcSV, autoS/T	On Off	Automatic backup frequency is activated Automatic backup frequency deactivated, F min and Ti/Tset manually adjustable
Ramp IN	S, S/T, autoS/T, T	1 2 3	Inspiratory pressure increase rate: Standard Slight Very slight
Ti/Tset	S, S/T (in autoS/T and AcSV with deact.autoF)	25-67%	Relative inspiration duration in %
Trigger IN	S, S/T, autoS/T	1 2 3 Auto	Trigger sensitivity: Very sensitive Normal Very robust Automatic
Fmin	S/T (in autoS/T and AcSV with deact.autoF)	0 5-35, 5-30 (AcSV)	Backup frequency / min
F	T	5-35	Backup frequency / min

## Setting options

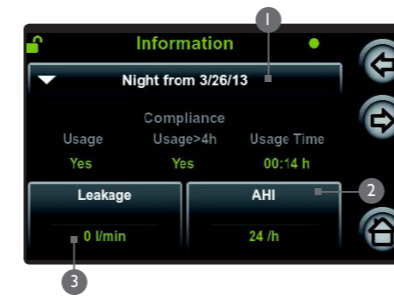
(The other adjustable parameters are changed automatically depending on your selection)

prisma30ST			
Parameter	Available in mode	Possible values	Description
EPAP	aPCV, S, ST, T	4 – 25 hPa	
IPAP	aPCV, S, ST, T	4 – 30 hPa	
IPAP min*	aPCV, S, ST, T	4 – 30 hPa	
IPAPmax*	aPCV, S, ST, T	4 – 30 hPa	
Ti	aPCV	200 ms – 4000 ms	Inspiration duration
Ti/Tset	S, ST, T	20% – 67%	Relative inspiration duration in %
Pressure adjustment*	aPCV, S, ST, T	1 2 3	Slow Medium Fast
Target volume	aPCV, S, ST, T, autoS/T	off; 300 ml – 2000 ml	
Ramp IN	aPCV, S, ST, T, autoS/T	1 2 3	Duration of inspiration ramp from EPAP to IPAP Standard, IPAP reached after 20% of insp. time Slight pressure increase, IPAP reached after 40% of insp. time Very slight pressure increase, IPAP reached after 60% of insp. time
Ramp EX	aPCV, S, S/T, T, autoS/T	1 2 3	Duration of expiration ramp from IPAP to EPAP Steep ramp Flat ramp Very flat ramp
Trigger IN	aPCV, S, ST, autoS/T	1 2 3 auto	Very sensitive Normal Very robust Automatic
Trigger EX	S, ST, autoS/T	1 2 3 Auto	Very sensitive Normal Very robust Automatic
Fmin	aPCV, ST	5 – 35 bpm, (0 in ST)	Backup frequency / min
F	T	5 – 35 bpm	Backup frequency
(E)EPAP min	autoS/T	4 – 25 hPa	
(E)EPAP max	autoS/T	4 – 25 hPa	
PDIFf	autoS/T	0 – 26 hPa	Pressure difference EPAP to IPAP
autoF	autoS/T	on/off	If autoF is set off, Fmin and Ti/Tset can be set
TRILEvel	autoS/T	on/off	

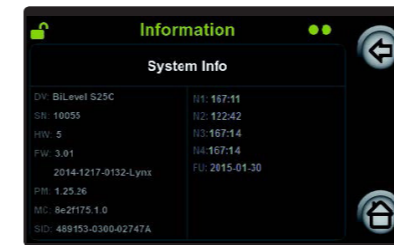
\* if target volume is activated

## Expert info menu

Expert sector is open ➔ Press the info button **i** briefly



- 1 Selection Therapy period
- 2 Therapy quality Detailed information, e.g.:  
- obstructive / central AHI  
- RERA  
- Snore  
- Periodic breathing
- 3 Leakage Detailed information



- N1 = Therapy hours without artifacts or open mask  
N2 = Therapy hours with humidifier (without artifacts or open mask)  
N3 = Period of use including artifacts and open mask  
N4 = Fan running time

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Brief operating instructions for hospital personnel

# prismaLINE

## type WM 100 TD








- 1 Mask test button, remaining time
- 2 Softstart button
- 3 Lock button
- 4 Menu button
- 5 Leak indicator mask
- 6 Respiration status
- 7 Expert sector






This document does not replace the instructions for use. Complete information can be found in the instructions for use and the additional information for hospital personnel.



## Opening/exiting the expert sector


- Opening the expert sector: Hold down the info button  for > 4 seconds
  - Press Login  The symbol appears
- Locking setting functions: Press the lock button 
  - The symbol appears .
- Exiting the expert sector: Press the Logout button 
  - Press Logout

## Expert settings menu

- Expert sector is open  Press the menu button  briefly.
  - The main menu opens.
- Make your selection using the respective button and confirm the changes with .







## Setting SCOPES

- Press the SCOPE button :  All the available SCOPES in the selected mode are displayed.

prisma20C · prisma20A · prisma25S · prisma25ST · prismaCR · prismaLAB								
Mode	AcSV		autoS/T			S/T		
SCOPE	CSR	MIXED	OVERLAP	HYPOV	OSAS	OVERLAP	HYPOV	OSAS
Indication	Primary periodic breathing	Periodic breathing + OSAS	OSAS + mild/med. COPD	OSAS + central apneas, intermittent hypoventilation, mild OHS	Severe OSAS	OSAS + mild/med. COPD	OSAS + central apneas, intermittent hypoventilation, mild OHS	Severe OSAS
PDIFFmax	10 hPa	12 hPa	-	-	-	-	-	-
PDIFFnorm	3 hPa	5 hPa	-	-	-	-	-	-
PDIFF	-	-	8 hPa	8 hPa	5 hPa	-	-	-
(E)EPAPmax	11 hPa	16 hPa	16 hPa	20 hPa	20 hPa	-	-	-
(E)EPAPmin	6 hPa	8 hPa	6 hPa	8 hPa	6 hPa	-	-	-
EPAP	-	-	-	-	-	7 hPa	8 hPa	8 hPa
IPAP	-	-	-	-	-	15 hPa	16 hPa	13 hPa
TRILevel	On	On	Off	On	On	Off	Off	Off
autoF	On	On	On	On	Off	-	-	-
Fmin / bpm	-	-	-	-	Off	12 bpm	14 bpm	Off
Ti / T	-	-	-	-	-	25 %	33 %	33 %
Ramp IN	-	-	1	2	-	1	2	3
Trigger IN	-	-	Auto	Auto	-	Auto	Auto	Auto

prisma30ST						
Mode	aPCV		S/T		autoS/T	
SCOPE	HYPOV	COPD	HYPOV	COPD	HYPOV	COPD
Indication	OSAS + central apneas, intermittent hypoventilation, mild OHS	chronic stable COPD	OSAS + central apneas, intermittent hypoventilation, mild OHS	chronic stable COPD	OSAS + central apneas, intermittent hypoventilation, mild OHS	chronic stable COPD
EPAP	8hPa	6 hPa	8hPa	6 hPa	-	-
IPAP	16 hPa	14 hPa	16 hPa	14 hPa	-	-
EPAPmin	-	-	-	-	8 hPa	4 hPa
EPAPmax	-	-	-	-	20 hPa	10 hPa
PDIFF	-	-	-	-	9 hPa	8 hPa
Fmin	14 bpm	12 bpm	14 bpm	12 bpm	-	12 bpm
autoF	-	-	-	-	On	Off
Ti	1400 ms	1200 ms	-	-	-	-
Ti/T set	-	-	33%	25%	-	25%
Ramp IN	2	0	2	0	2	0
Ramp Ex	1	2	1	2	1	2
Trigger IN	Auto	Auto	Auto	Auto	Auto	Auto
Trigger EX	-	-	Auto	1	Auto	1
Target volume	Off	Off	Off	Off	Off	Off
Trilevel	-	-	-	-	Off	Off

## Setting the ventilation parameters

- Press the menu button 
- Press Therapy (standby) or Ventilation (during therapy)
- Set the ventilation parameters with the  and  buttons
- Confirm with 



## Setting the therapy mode

Press the Therapy mode field: All the modes available in the device are displayed for setting

Mode	CPAP	APAP	AcSV	S	autoS	autoS/T	S/T	T	aPCV
prisma20C	x	-	-	-	-	-	-	-	-
prisma20A	x	x	-	-	-	-	-	-	-
prismaCR	x	-	x	-	-	-	-	-	-
prisma25S	x	x	-	x	x	-	-	-	-
prisma25ST	x	x	-	x	x	x	x	x	-
prisma30ST	x	x	-	x	x	x	x	x	x
prismaLAB	x	x	x	x	x	x	x	x	x