



Sleep Therapy

Sleep therapy solutions
for every patient

Tailor-made therapy for every patient

Doctors working in many different medical specialties are diagnosing Sleep-Disordered Breathing (SDB) with increasing frequency. The consequences of SDB span the range of daytime sleepiness with decreased productivity and high blood pressure to myocardial infarction and stroke.

Patients with heart failure, for example, face a higher risk of suffering from SDB. For decades we have been developing reliable, specialized technologies for use in sleep medicine.

Our focus is on device safety, lasting therapy success and ease of use. The result is products that give the patient effective treatment and, through intuitive operation, product compatibility and easy maintenance, help you to simplify your work processes and allow you to concentrate on the patient.

Overview of sleep therapy devices

prismaLINE – A platform to trust

prismaLINE is the intelligent system solution for treatment of respiratory disorders.



The prismaLINE represents a new dimension in operating convenience. The combination of the large monitor (touch screen, LCD) and smart Graphical User Interface permits novel operation that's intuitive and fast. This user-friendly operating concept is found throughout the prismaLINE portfolio. Every prismaLINE device provides the user with ideal support for all kinds of work processes, simple connectivity and a broad range of accessories. For every therapeutic requirement, prismaLINE offers the right device in proven quality, featuring precision, reliability and unheard-of stillness.

	prismaLAB titration device	prismaCR	prisma25ST	prisma25S	prisma20A	prisma20C	prisma SMART	prisma SOFT	
Modes	CPAP	✓	✓	✓	✓	✓	✓	✓	
	APAP (autoCPAP)	✓	–	✓	✓	✓	✓	–	
	BiLevel S, auto S	✓	–	✓	✓	–	–	–	
	BiLevel S/T, auto S/T	✓	–	✓	–	–	–	–	
	BiLevel T	✓	–	✓	–	–	–	–	
	AcSV*	✓	✓	–	–	–	–	–	
Stabilization	Obstruction detection FOT / FBT	✓	✓	✓	✓	✓	✓	✓	
	Adaptive pressure regulation to eliminate obstructions (autoEEPAP, APAP)	✓	✓	✓	✓	–	✓	–	
	Optional autoF	✓	✓	✓	–	–	–	–	
Synchroni- zation	Automatic trigger technology	✓	✓	✓	✓	–	–	–	
	rampIN	✓	auto	✓	✓	–	–	–	
Compliance and Comfort	softSTART	✓	✓	✓	✓	✓	✓	✓	
	Mask test	✓	✓	✓	✓	✓	✓	✓	
	Leak display during operation	✓	✓	✓	✓	✓	✓	✓	
	TRILevel option	✓	✓	✓	✓	–	–	–	
	Pressure relief softPAP	✓ in CPAP / APAP modes	✓ in CPAP mode CPAP	✓ in CPAP / APAP modes	✓ in CPAP / APAP modes	✓	✓	✓	✓
	autoSTART-STOP	✓	✓	✓	✓	✓	✓	✓	

* AcSV = Anticyclic Servoventilation

prismaLINE accessories



prismaLINE meets all needs with numerous add-ons. To modify devices for specific uses, the user can connect different modules to any device and combine devices with each other. With so much flexibility, doctors and patients can be sure that the ideal therapy solution will be found, no matter how complex the clinical picture is.

Compatible and futuristic. Data transmission can be made in any number of ways, all of which are based on proven industry standards that are manufacturer-independent. The therapy devices are equipped with interfaces for SD cards and USB for this purpose. Expansion modules for LAN and PSG are available; devices can be refitted for telemedicine*.

*Legal regulations limit availability to certain countries.

prismaLINE accessories



prismaAQUA
Humidifier
WM 29680



prismaCONNECT
Connection module
WM 29670



Breathing tube
Ø 15 mm, WM 29988
Ø 22 mm, WM 24445
Ø 22 mm, autoclavable, WM 24667



prismaPSG
PSG module
WM 29690

prismaHYBERNITE
Heated breathing tube
For prismaCR, prisma25ST, prisma25S, prisma20A, prisma20C
Ø 15 mm, WM 29083
Ø 22 mm, WM 29067

prisma2cloud
Telecommunications module
For prismaCR, prisma25ST, prisma25S,
prisma20A, prisma20C
WM 29620

HYBERNITE Superday
Heated breathing tube with external power supply
For prisma SMART and prisma SOFT
WM 29045

prisma HUB
Connection module prisma SOFT / SMART
WM 31660

Bacteria filter
WM 24476

Micro USB connection cable
WM 35160

Set 12 Pollen filter
WM 29652

Converter
24V, Lorry, WM 24617
12V, Auto, WM 24616

prismaLABset-PSG

prismaTS and prismaTSlab



With prismaLAB device, prismaAQUA, prismaBAG butler (WM 29978), prismaCONNECT, prismaTS software with USB data cable and prismaPSG

Complete titration set
WM 29996



The accompanying software solutions. From a quick summary to detailed therapy analysis, prismaTS and prismaTSlab provide relevant data for every work process.

Therapy software complete with USB data cable,
WM 93335

Indications	Type of therapy	Therapy devices
<ul style="list-style-type: none"> ■ Central sleep apnea of Cheyne-Stokes variety associated with heart failure ■ and with central, mixed or complex sleep apnea 	<p>AcSV therapy</p> <p>Ventilation by means of AcSV combined with automatic pressure adjustment to patient's needs during current breath; automatic or pre-set backup frequency</p>	<p>prismaCR</p> <p>The sleep medicine therapy solution for complex SDB (Sleep-Disordered Breathing)</p> 
<ul style="list-style-type: none"> ■ Obstructive mixed or complex sleep apnea and <ul style="list-style-type: none"> - High and/or changing pressure needs - Poor CPAP compliance - Central apnea - Nocturnal hypoventilation (as with OHS) - Respiratory insufficiency, e.g., OSA concurrent with COPD (overlap syndrome) 	<p>BiLevel ST therapy</p> <p>Ventilation with varied pressure levels during inspiration and during early and late expiration phases; depending on the therapy goal (three SCOPES for simple and fast setting). Backup frequency for additional safety.</p>	<p>prisma25ST</p> <p>BiLevel ST device with innovative pre-settings concept (SCOPES) and optional automatic therapy monitoring</p> 
<ul style="list-style-type: none"> ■ Obstructive mixed or complex sleep apnea and <ul style="list-style-type: none"> - High and/or changing pressure needs - Poor CPAP compliance 	<p>BiLevel S therapy</p> <p>Ventilation with varied pressure levels during inspiration and during early and late expiration phases</p>	<p>prisma25S</p> <p>BiLevel S device combined with the advantages of APAP</p> 
<ul style="list-style-type: none"> ■ Obstruction of the upper airways ■ Fixed or variable pressure needs depending on position or sleep stage ■ Poor CPAP compliance ■ OSA with varying pressure needs 	<p>APAP therapy</p> <p>Ventilation with constant pressure which automatically adjusts to the needs of the patient to provide greatest therapy flexibility. As an option, CPAP and APAP can be combined with the intelligent pressure relief softPAP. With two APAP dynamics: the right treatment for every patient.</p>	<p>prisma20A</p> <p>Therapy flexibility for OSA (Obstructive Sleep Apnea)</p>  <hr/> <p>prisma SMART</p> <p>Therapy flexibility for OSA (Obstructive Sleep Apnea)</p> 
<ul style="list-style-type: none"> ■ Obstruction of the upper airways ■ Fixed pressure needs 	<p>CPAP therapy</p> <p>Ventilation with constant pressure</p>	<p>prisma20c</p> <p>CPAP Therapy with softPAP and FOT</p>  <hr/> <p>prisma SOFT</p> <p>Comfortable and effective CPAP treatment</p> 

CE 0197



© Copyright protected. Copying or reproduction of any sort requires the explicit approval of Löwenstein Medical Technology.

Löwenstein Medical UK
| E-Centre, Easthampstead Road,
RG12 1 NF Bracknell
United Kingdom
T: +44 1344 830023
info@loewensteinmedical.uk
www.loewensteinmedical.uk

Löwenstein Medical Technology
Kronsaalsweg 40, 22525 Hamburg
Germany
T: +49 40 54702-0
F: +49 40 54702-461
info@loewensteinmedical.de
www.loewensteinmedical.de





Sleep Therapy

Sleep therapy solutions for every patient