



Ventilation

Mobile and stationary: safety ensured by specialized technology.

Ventilation

Safe and sound ventilation at all times.

When the respiratory system is damaged by disease, disability or accident, ventilation of the lungs can be impaired to a life-threatening degree. To ensure proper ventilation and relieve the respiratory pump, we develop customized, reliable technologies.

We concentrate on patient safety, effective treatment and the simplest and most convenient operation of the ventilator.

The result: Products that automatically ventilate according to patient needs. That's how we offer maximum support to patients and medical personnel.



DISEASES

Neuromuscular diseases, e.g.,

- Amyotrophic Lateral Sclerosis (ALS)
- Muscular dystrophy
- Spinal muscular atrophy
- Post-Polio Syndrome

Restrictive disorders, e.g.,

- Thorax deformities (kyphoscoliosis)
- Post tuberculosis Syndrome
- Interstitial lung diseases

Obstructive respiratory disorders, e.g.,

- COPD
- OHS

IV / NIV VENTILATORS

LUISA

Air for an active life

- For life-support ventilation
- 10-inch touchscreen
- Can be used in vertical or horizontal position
- Up to 30 ml tidal volume without additional sensor
- Leakage, single circuit with valve and double circuit ventilation
- No adapter, no conversion required for different circuit types
- All modes, including CPAP and HFT, available for all circuit systems
- Alarms can be displayed in two languages
- No device is easier to use
- 30-3.000 ml tidal volume



prisma VENT50 / prisma VENT50-C

High-level ventilation

- Simplest use with intuitive menus, easy operation and quick access
- Whisper-quiet ventilation provides more comfort and well-being for patient and partner
- Suitable for invasive and non-invasive ventilation
- Helpful functions for COPD treatment: AirTrap Control, maximum expiratory ramp and Trigger lockout
- prisma VENT50-C is equipped with High-Flow Therapy mode (HFT)
- Broad range of disorders can be treated with leakage circuit and single patient circuit with patient valve
- With autoST mode (autoEPAP, autoF) and target volume
- Integrated secretion management, cough support LIAM
- Mouthpiece ventilation
- Integrated oxygen connection
- Three ventilation programs can be set and stored



prisma VENT30-C / prisma VENT40

Mobility and comfort at every level

- Simplest use with intuitive menus, easy operation and quick access
- Whisper-quiet ventilation provides more comfort and well-being for patient and partner
- Suitable for invasive and non-invasive ventilation
- Helpful functions for COPD treatment: AirTrap Control, maximum expiratory ramp and Trigger lockout
- With autoST mode (autoEPAP, autoF) and target volume
- Integrated oxygen connection
- Three ventilation programs can be set and stored



Overview of functions

Functions		prisma VENT30-C	prisma VENT40
Type of ventilation	Non-invasive ventilation	✓	✓
	Invasive ventilation	✓	✓
Circuit system	Leakage circuit	✓	✓
	Single patient circuit	—	—
	Double patient circuit	—	—
Device features	Max. inspiration pressure	30 hPa	40 hPa
	EPAP / PEEP pressure range	4 – 25 hPa	4 – 25 hPa
	Tidal volume	100 – 2000 ml	100 – 2000 ml
	Respiratory frequency	5 - 60 bpm	5 - 60 bpm
Modes	Modes	CPAP, S, ST, autoST, T, PSV, aPCV, PCV	CPAP, S, ST, autoST, T, PSV, aPCV, PCV
Special therapy options	LIAM	—	—
	AirTrap Control	✓	✓
	Trigger lockout	✓	✓
	Pressure rise / Pressure fall	✓*	✓*
	Target volume	✓	✓
	HFT-Therapy	—	—
O ₂ feed	integrated	max. 15 l/min.	max. 15 l/min.
Monitoring	Ventilation programs	3	3
	Real-time curves (pressure, flow, volume)	✓	✓
	Expiration volume	—	—
	FiO ₂	—	—
	SpO ₂	✓	✓
	Technical / physiological alarms	✓	✓
Connectivity	prismaTS PC software	✓	✓
	LUISA APP	—	—
	Connection to prisma CLOUD	✓	✓
	Connection to Philips IntelliVue	✓	✓
Power supply with rechargeable battery	External battery	—	—
	Internal battery	10 h (optional)	10 h (optional)

* incl. maximum expiratory ramp

** prisma VENT50-C available

*** not in Germany

prisma VENT50 prisma VENT50-C	LUISA
✓	✓
✓	✓
✓	✓
✓	✓
—	✓
50 hPa	60 hPa
4 – 25 hPa (leakage circuit) 0 – 25 hPa (valve system)	4 – 25 hPa (leakage circuit) 0 – 25 hPa (valve system)
100 – 2000 ml	30 – 3000 ml
5 - 60 bpm	2 – 60 bpm adult 5 – 80 bpm child
CPAP, S, ST, autoST, T, PSV, aPCV, PCV, MPVp, MPVv	CPAP, S, ST, autoST, T, PSV, aPCV, PCV, aVCV, VCV, P-SIMV, V-SIMV, MPVp, MPVv
✓	—
✓	—
✓	✓
✓*	✓
✓	✓
✓**	✓***
max. 15 l/min.	max. 30 l/min.
3	4
✓	✓
—	✓
—	✓
✓	✓
✓	✓
✓	✓
—	✓
✓	✓
✓	✓
—	2 x 6 h (optional)
10 h (optional)	6 h



TIP

You'll find an overview of our accessories in the accessory brochures:

prisma VENT accessories,
Article Number: p10134en

LUISA accessories,
Article Number: p10381en



Our software solutions. Simple. Flexible. Reliable.

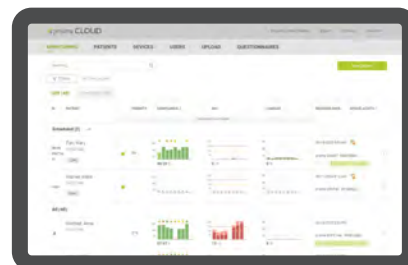
Efficient, high-quality patient care.

They provide better access to treatment and health data, simplify communication and coordination among all stakeholders, and can help identify care needs early on. In addition, they can assist patients in self-managing their treatment and contribute to the efficiency of care processes. Especially when used in conjunction with devices and masks, they lay the foundation for more connected and data-driven care.



The telemedicine solution for you and your patients.

With prisma CLOUD you can monitor your patients' therapy reliably and simply. You'll have access to up-to-date information about treatment fully automatically from anywhere.



LUISA App

Help at hand

The LUISA App is a very good way to keep your eye on ventilation at all times. The app displays the most important information from the ventilator, such as current and set values, battery capacity and service intervals.

For safety reasons, no settings can be made for LUISA. It is available for iOS and Android.



prismaTS and prismaTSlab

Accompanying software solution:
For experts.

From a quick check to detailed therapy analysis, prisma TS and prisma TSlab offer an ideal overview of all relevant data for every work step.

**Therapy software complete
with USB data cable, WM 93335**





prisma CLOUD

MONITORING

PATIENTS

DEVICES

USERS

UPLOAD

QUESTIONNAIRES

English (United Kingdom)

Export

Options

Anke Hillé

Searching...

Filters

No filters applied

Q

SDB (60)

Ventilation (34)

ID PATIENT

PRIORITY

COMPLIANCE %

LEAKAGE

THERAPY

RECEIVED DATA

DEVICE ALERTS

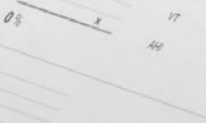
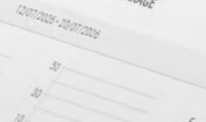
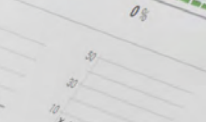
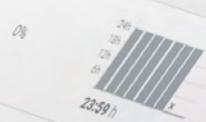
New patient

Rodr, pVent
22/01/1931

Lillich, Luisa
15/01/1958

Hayek, Sarah
received: 07/04/2022
08

Report More



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VT

AH

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VT

AH

F

VT

AH

F

VT

AH

12 bpm

1200 ml

0 /h

20 bpm

450 ml

16 bpm

200 ml

2 /h

prisma VENT50C- 9920659

prisma VENT40- 9920659

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