LÖWENSTEIN medical

Meet the New
PRISMA VENT 30-C
PRISMA VENT 40
BI-LEVEL SYSTEM

Approved by MDA (Medical Device Authority)

Prismavent 30/40 Bi-level System is designed for pediatrics to adult's patient weight over 10kgs and above for invasive or non-invasive ventilation. Its compact design to be use on stationary and mobile applications in both domestic and clinical environments.

Intuitive user Interface with zero learning curve

Function Key that allows easy access for setting adjustment and monitoring

Space saving detachable humidifier system designed for transport use

Pediatric and Adult (>10kg) Invasive & Non-invasive Ventilation Low noise (26 dBA) Target volume (100ml to 2000ml)

Well balanced and easy to carry weighted only 2.4kg.

Optional Spo2 Module that enhances the effectiveness of home ventilation monitoring

Integrated graphics give information that assists with setting and monitoring ventilation parameters.

12 hours built in internal battery for easy cross states transport, provide continuous ventilation support even during blackout

Specifications	PrismaVent 30-C	PrismaVent 40
Non-Invasive Ventilation	Yes	Yes
Invasive Ventilation	Yes	Yes
Max Inspiratory Pressure	30 cmh2o	40 cmh2o
EPAP / PEEP Pressure Range	2 - 25 cmh2o	2 - 25 cmh2o
Tidal Volume	100 - 2000ml	100 - 2000ml
Respiratory Frequency	0 - 60 bpm	0 - 60 bpm
Leakage Mode	CPAP, S, ST, Auto ST, T	CPAP, S, ST, Auto ST, T
Pressure-Controlled Modes	PSV, aPCV, PCV	PSV, aPCV, PCV
Supplement O2	Integrated (15 l/min, max 1 bar)	Integrated (15l/min, max 1 bar)
Internal Battery	12 hours	12 hours
Ventilation Program	3	3

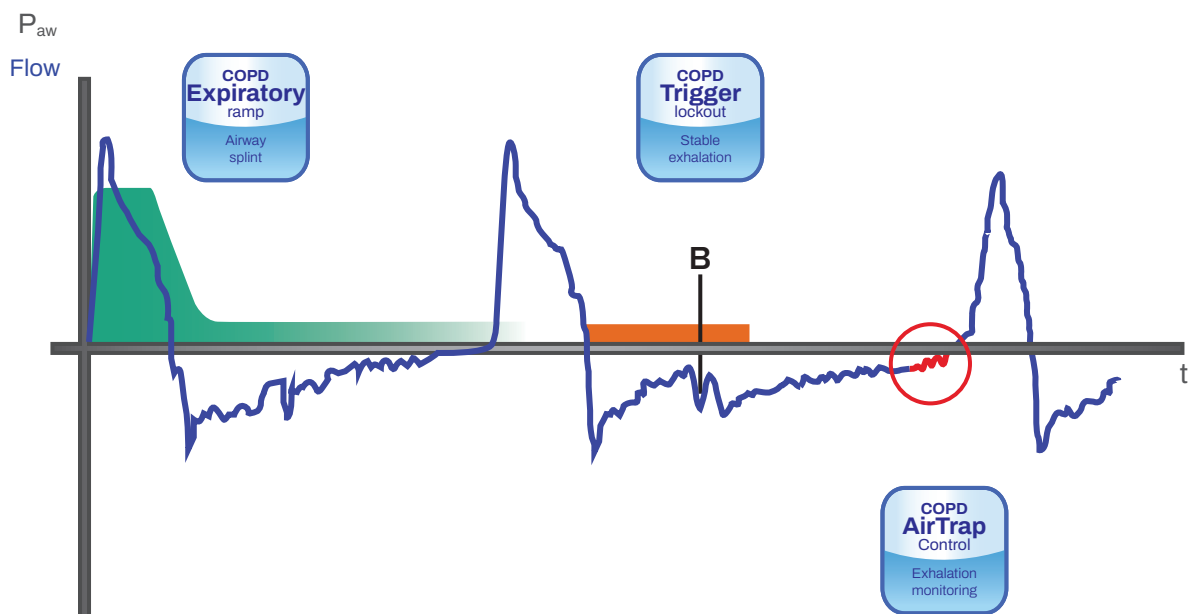## COPD OPTIMZATION   *Special Features*

Air Trap Control, Trigger lockout and the expiratory ramp are special feature settings in Lowensteins.

PrismaVent Bilevel system that combine to ensure safety while optimizing comfort for COPD patients.
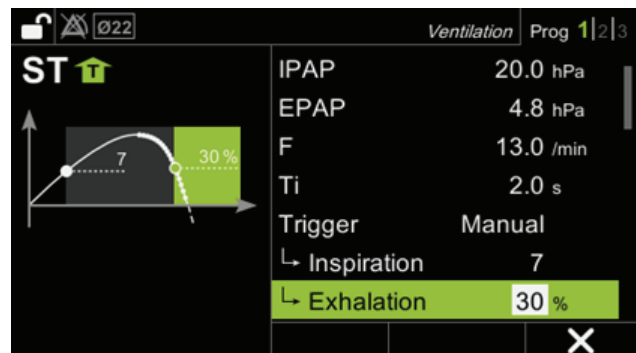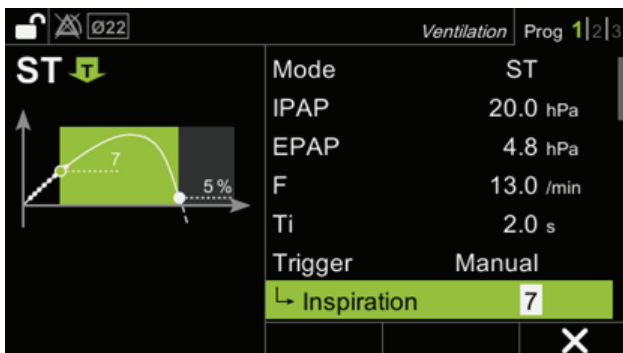Expiratory ramp allows the user to adjust the time during exhalation to create a smoother cycle.

Trigger lockout minimizes auto-triggering or intrinsic-PEEP which happened frequently for COPD patients on ventilators. With this function, we allow the patients to enjoy a longer cycle time (Exhalation) so as to wash out the carbon dioxide more effectively.

AirTrap control helps to maintain the patient's breathing cycle to be completed at 0 flow rate before the next IPAP is to being delivered to the patients.

GRAPHICAL ASSISTANCE ON CLINICAL SETTINGS (EASY UI)

The intuitive user interface designed to assist clinical professionals to easy manage parameter settings by reading the graph with zero learning curve.

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