



Breathing  
Like Nature

CE 0044

# elisa 600 | 800

Neonate, Paediatric & Adult Ventilation



*Happier Living Everyday*

# Instant View Technology with Easy Access Bar



The Instant View Technology gives you an intuitive grasp of the patient's situation, trends and necessary interventions.

## Modular system at a glance



### PEEPfinder®

A quasi-static low flow P-V manoeuvre to determine the optimal PEEP range, which facilitates lung protective ventilation



### Paramagnetic O<sub>2</sub> sensor

Paramagnetic O<sub>2</sub> sensor provides accurate measurement with Zero maintenance



### HFOT (Highflow oxygen therapy)

HFOT procedure blends oxygen and deliver at a flow of upto 70 L/min after heated humidification



### Hygiene Management Function

Monitors the timely replacement of accessories, tubing system, valve bar, suction system, HME filter



### Curves and loops

Up to four selectable loops and curves, forms the basis of differentiated assessment and derivation of treatment decisions



### Scientific Data Tool

Offers a solution for scientific data collection like Trends for 90 days along with data values that can be recorded breath by breath and can be transferred



### AnaConDa® system (Anaesthetic delivery function system)\*

Use of volatile anaesthetics enables daily awakening trials, timely neurological assessment, & avoiding benzodiazepine hangover, propofol infusion syndrome.



### Co<sub>2</sub> Measurement\*

Mainstream or side stream sensors complete the close monitoring of ventilation patients



### Mesh Nebulizer\*

Synchronization of ultrasound technology with ventilation significantly reduces the drug consumption without relying on addition external devices



### PDMS Interface\*

Versatile interface for Patient data management system (PDMS), Monitoring equipment's and Nitric oxide systems

\*Optional

INVASIVE  
VENTILATION

NON INVASIVE  
VENTILATION (NIV)

HIGH FLOW  
OXYGEN THERAPY (HFOT)

18.5 inch  
Touch Screen

Tidal Volume  
1 mL-2600mL

Maintenance free  
flow sensor

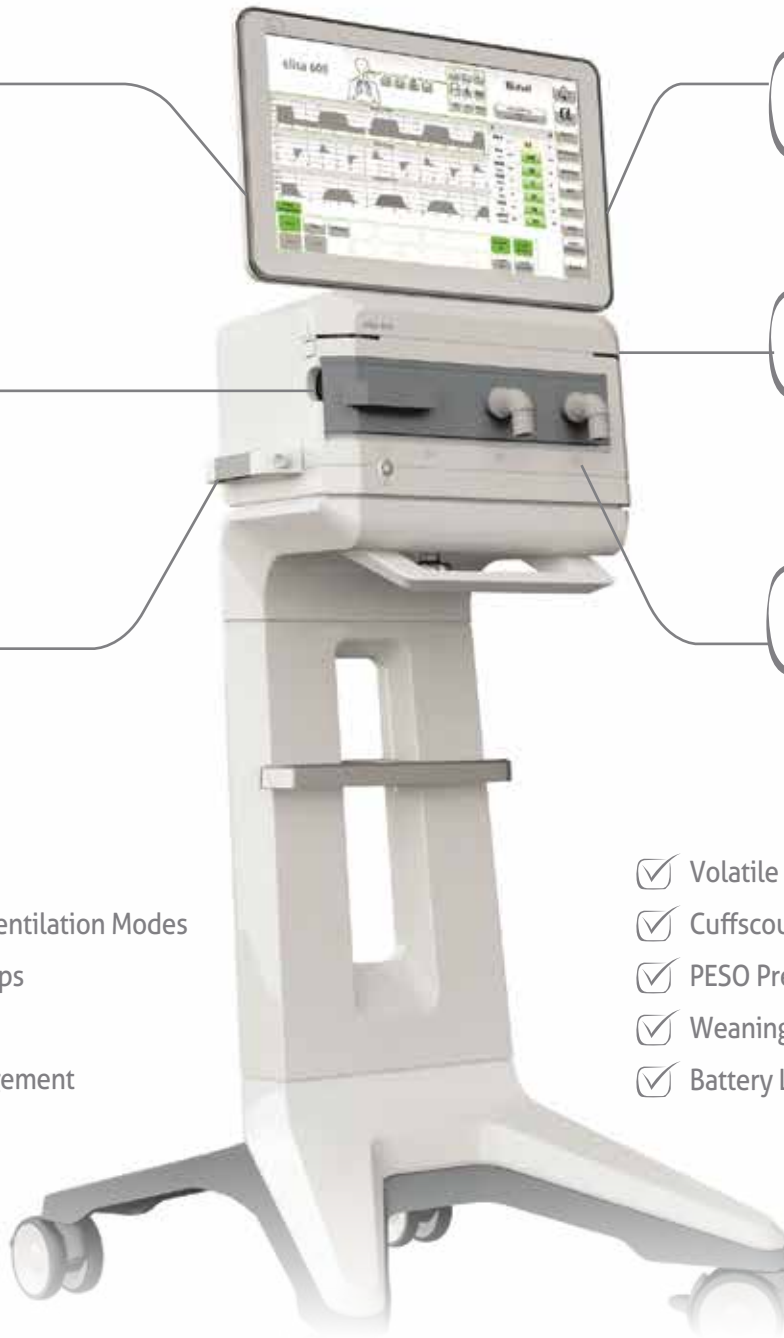
Paramagnetic  
O<sub>2</sub> Sensor

Optional  
CO<sub>2</sub> Interface

Pneumatic  
Nebulization

- ✓ PEEPfinder®
- ✓ 27 Expanded Ventilation Modes
- ✓ Curves and Loops
- ✓ Fastwear®
- ✓ Hygiene management

- ✓ Volatile sedation-AnaConDa®
- ✓ Cuffscout®\*
- ✓ PESO Pressure measurement\*
- ✓ Weaninganalyzer®
- ✓ Battery Life: Upto 4 hours



Control Modes

Support Modes

**Ventilation Modes**

CPR, ALPV, PC-APRV,  
WOBOV®, PAPS®

Hybrid Modes

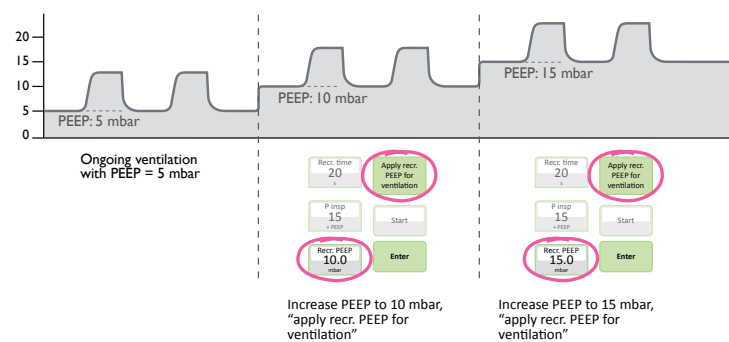
Closed loop  
Modes



## PEEPfinder®

gold standard bedside lung diagnostics

The PEEPfinder® makes the determination of the optimal PEEP range as easy as setting the respiratory rate.



## Lung Recruitment

The early recruitment manoeuvre with or without PEEPfinder® of collapsed lung can significantly improve oxygenation, which allows reduction of the invasiveness of ventilation.

Fastwean			
RSBI	-	98	110
P0.1	-3,0	2,9	- mbar
MIP	20,0	24	- mbar
Vt sp.	300	318	550 ml
F sp.	11	18	30 /min
etCO2	31	41	45 mmHg
SpO2	-	-	- %

## Fastwean®

Tools to assist the weaning process

Fastwean® allows measurement values relevant to weaning to be assessed at a glance. Whether RSBI, occlusion pressure measurement P.01 or Negative Inspiratory Force the values are continuously displayed & assessed using a 'traffic lights' display.



## Weaninganalyzer®

The Weaninganalyzer offers tool for standardized weaning assessment which includes, SAT(Spontaneous Awakening Trial) and SBT(Spontaneous Breathing Trial). It recommends to interrupt the sedation with regard to weaning readiness and earliest possible time of extubation

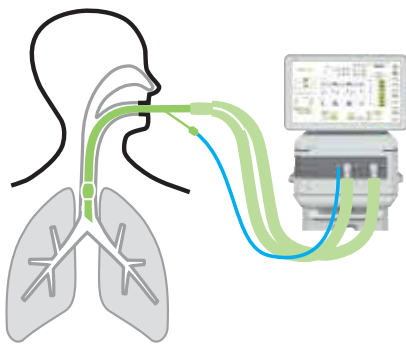
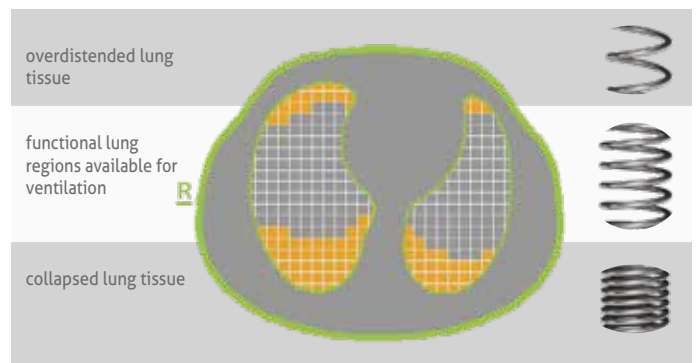
# Advanced State of the ART features\*



## Ventilator-integrated tomography (VIT®)

The imaging navigation system for ventilation

Electrical impedance tomography (EIT) for the first time offers a bedside method for reliable non-invasive determination of the regional lung function without radiation exposure. (Available in elisa 800 only)



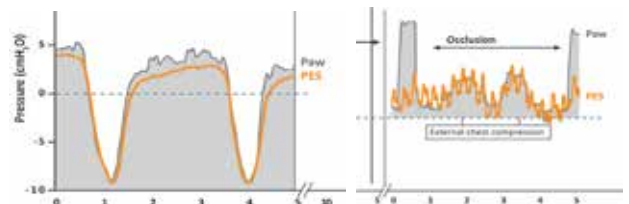
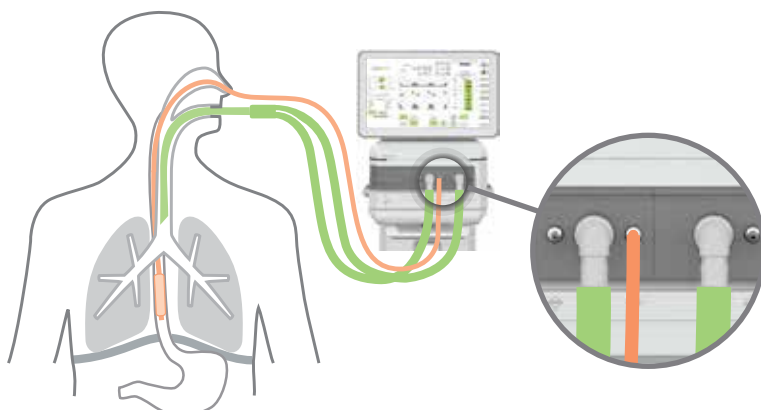
## Cuffscout®

Simple cuff management

The ventilator maintains and monitors the cuff pressure specified by the user. In addition, it immediately recognises blocked, leakage or defective cuffs and feature a cough detection algorithm to further simplify the individual cuff adjustment

## Transpulmonary pressure measurement®

More than detection of stress and strain



In difficult clinical ventilation situations, the measurement of oesophageal or transpulmonary pressure with a modified gastric tube reflects changes in pleural pressure, which allows lung-protective ventilation to be adjusted.

\*Optional



\*elisa Ventilator series available in variants of  
elisa 300, elisa 500, elisa 600, elisa 800, elisa 800vIT

elisa

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Löwenstein Medical GmbH & Co. KG  
Arzbacher Straße 80  
56130 Bad Ems, Germany  
Tel.: +49 26 03 96 00 0  
Fax: +49 26 03 96 00 50  
www.hul.de

**BPL MEDICAL TECHNOLOGIES PRIVATE LIMITED**

Registered office: 11th KM, Bannerghatta Road,  
Arakere, Bangalore - 560076, India  
Phone +91 80 26484388/ 2648 4350  
Toll Free 1800-425-2355  
Website www.bplmedicaltechnologies.com  
CIN:U33110KA20212PTC067282  
For Enquiries: sales.medical@bpl.in