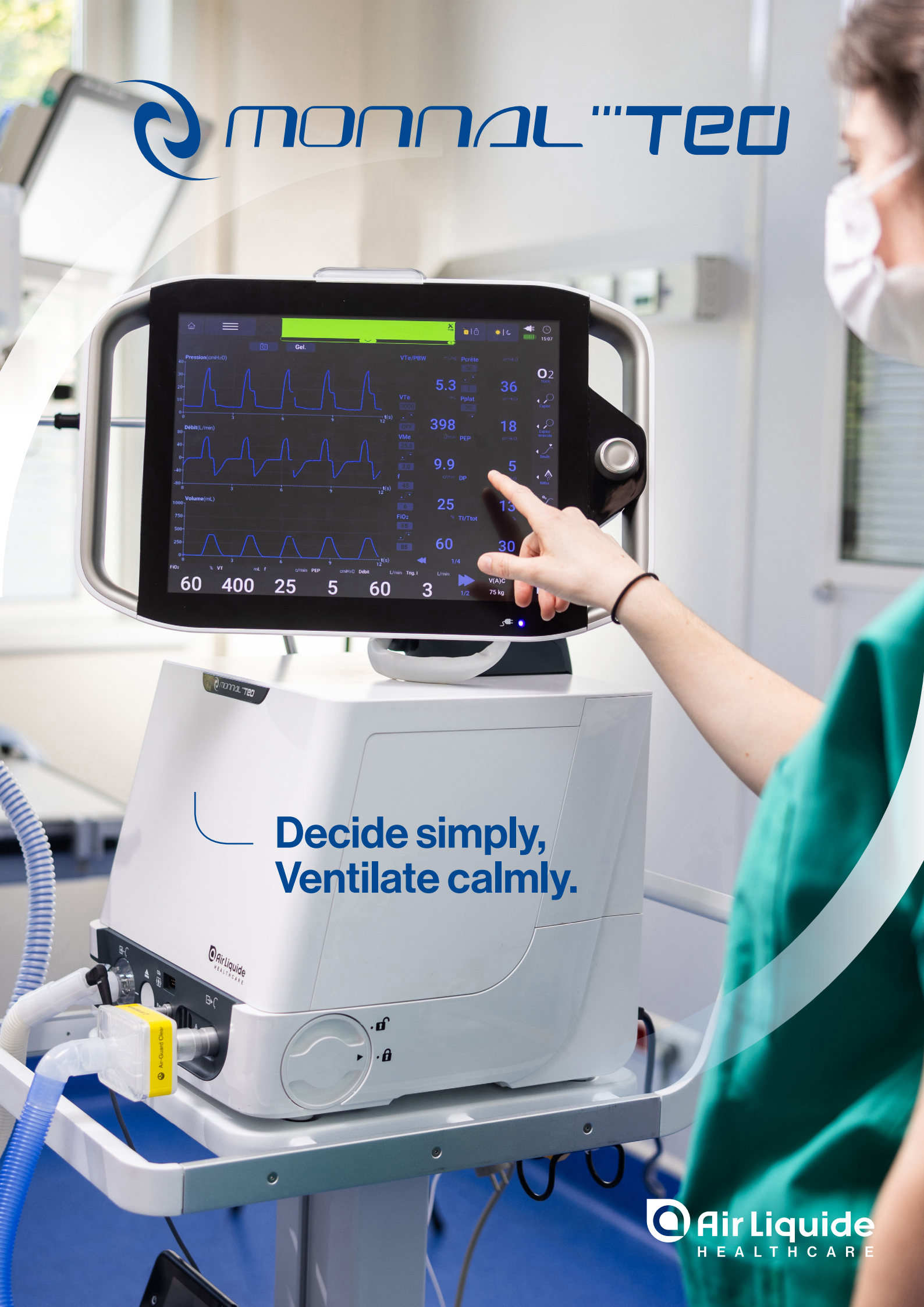

monnal t60
Gel.
Pression(cmH2O)
VTe/PBW
Pcrête
5.3
36
Pplat
398
18
PEP
9.9
5
DP
25
13
TI/Ttot
60
30
Débit(L/min)
Volume(mL)
FiO2
60 400 25 5 60 3
V(A)C
75 kg
Air Liquide HEALTHCARE
Air-Guard Clear
Decide simply,
Ventilate calmly.
Air Liquide
HEALTHCARE

Monnal™ TEO

Monnal™ TEO is a mechanical ventilation solution designed with the value of ease of use at heart, to allow clinicians to make quick and precise decisions.

With the introduction of new advanced monitoring and exploration maneuvers, along with automated functions, **Monnal™ TEO** allows clinicians to individualise ventilation strategies depending on the respiratory mechanics of each patient.

Monnal™ TEO is an intensive care ventilator designed by clinicians and made in France for clinicians intended for Intensive Care Units.

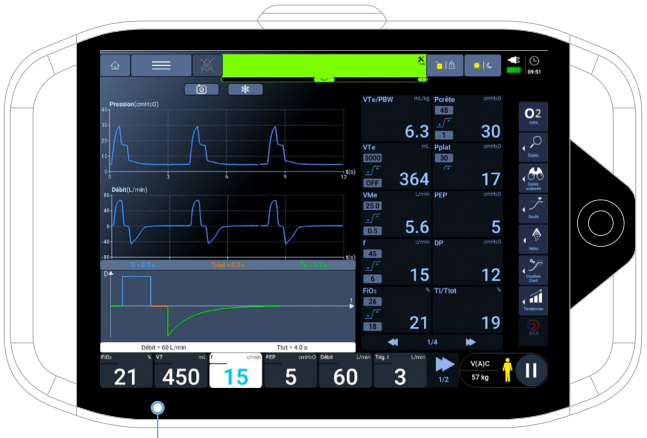
Made in France

Intuitive and easy to use

Monnal™ TEO is characterized by its ease of use, enabling healthcare staff to quickly familiarize themselves with the ventilator. Its touchscreen, allows quick reading of key elements for patient management, with essential information accessible on a single page. The interface can be customized to suit the protocols of each department.

Dynamic help windows

For every modification of the ventilation setting, the user is accompanied by instant graphical and digital assistance, so as to prioritize protective ventilation for the most critical patients.



15" capacitive technology touchscreen.

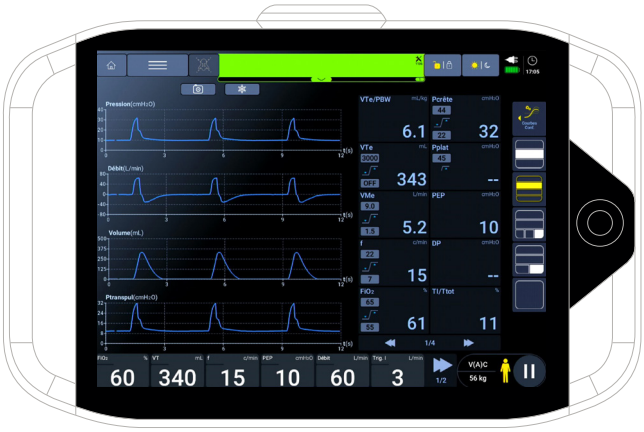
Customizable interface

The user has the possibility to choose the number and type of curves to display and whether or not to associate them with loops.

The display allows the presence of 3 curves, 4 curves, 2 curves and 2 loops, 2 curves and 3 mini-trends or 1 simple loop. These are completely customizable according to the preferences of the department where Monnal™ TEO is used.

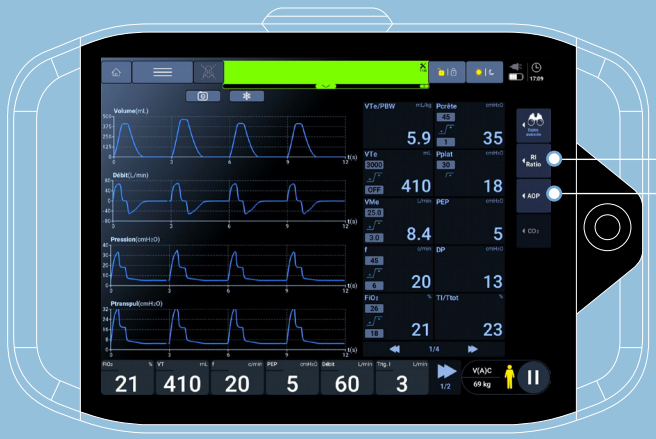
10 monitoring parameters are always displayed during ventilation.

The default ventilation instructions can also be **completely personalized to be adapted to the intensive care unit**.



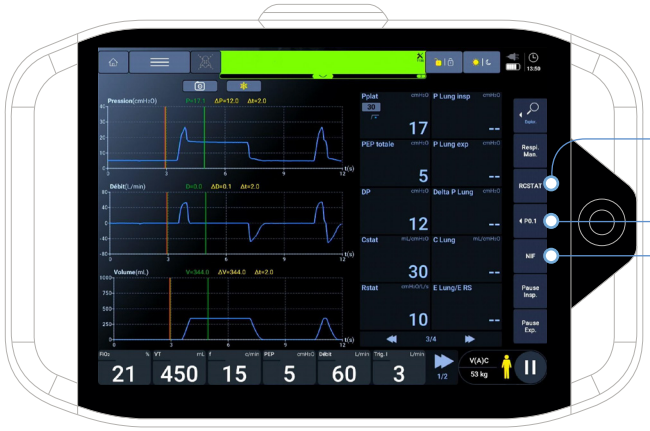
Investigate respiratory physiology at bedside

Monnal™ TEO allows one touch access to advanced functionalities for exploring respiratory mechanics, making it easier to make decisions adapted to each patient.



RI Ratio
AOP

Automatic maneuvers evaluating patient's **recrutability** with dedicated sidebar.



Automatic static resistance and static compliance**: evaluating respiratory patient mechanics** all along therapy.

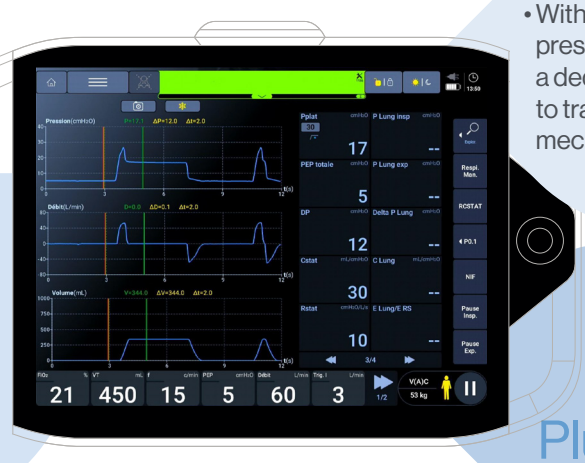
The evaluation maneuvers of the patient's respiratory **effort,** particularly to support his **weaning from ventilation*:**

P0.1 **NIF** RSBI

* Chatila, W., Jacob, B., Guaglionone, D., & Manthous, C. A. (1996). The unassisted respiratory rate-tidal volume ratio accurately predicts weaning outcome. The American journal of medicine, 101(1), 61–67.

Designed for safe and protective ventilation

Monnal™ TEO delivers advanced monitoring in order to give to caregivers the most importants informations to deliver a safe and protective ventilation for most criticals patients.

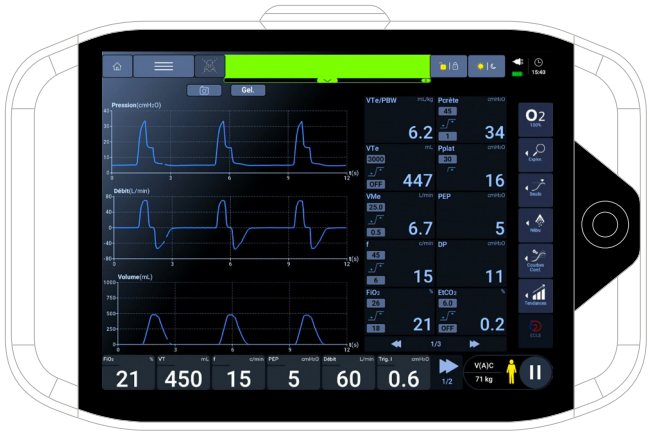


- With esophageal pressure monitoring, a dedicated monitoring to transpulmonary mechanics.

- Measurement of the static compliance Cstat and static resistance Rstat simple with 1 button.

Peso
E_L/E_{RS}
Plung

Monitoring adapted for protective ventilation based on international recommendations:



Vte/PBW[1] — **Vt = 6 ml/kg x PBW**

Driving pressure[2] — **DP < 14 cmH_2O**

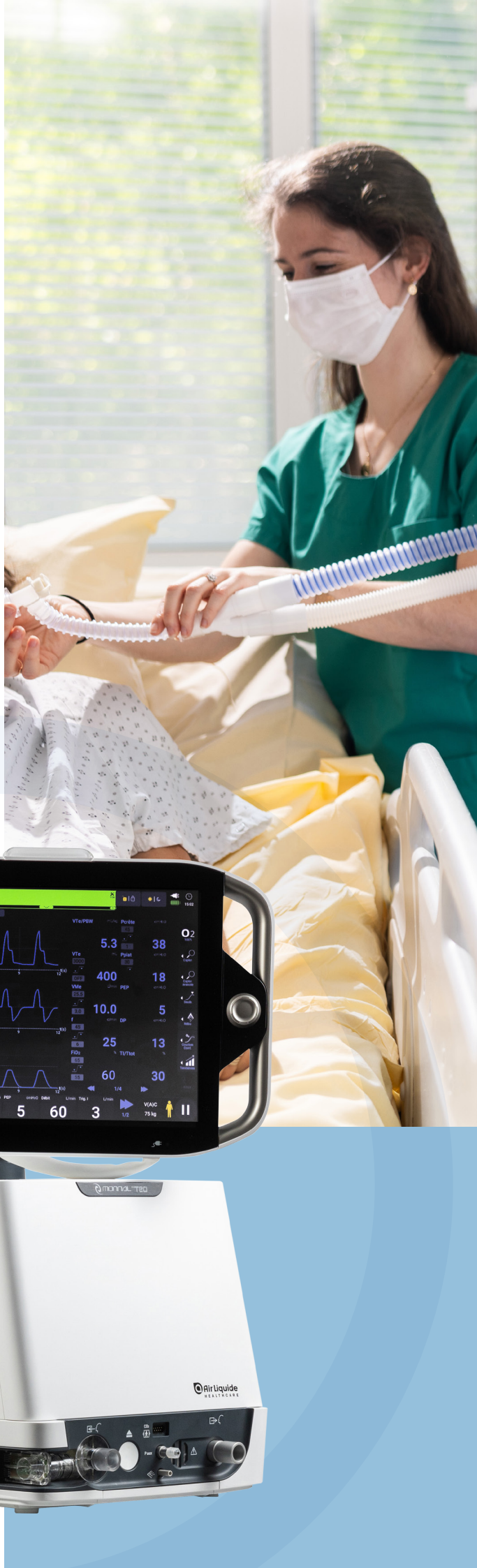
Plateau pressure[3] — **Pplat < 30 cmH_2O**

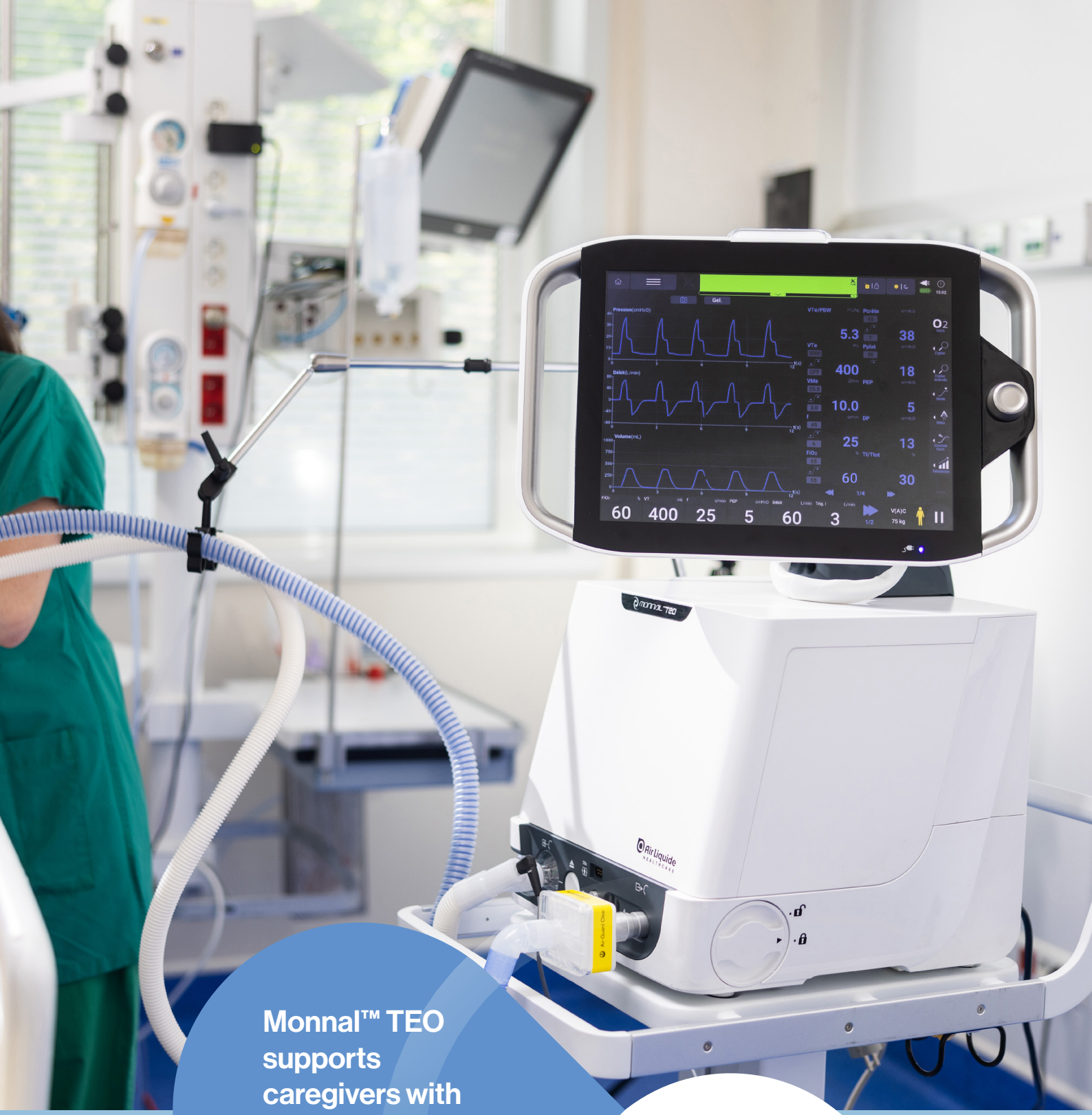
1. Ventilation with Lower Tidal Volumes as Compared with Traditional Tidal Volumes for Acute Lung Injury and the Acute Respiratory Distress Syndrome. The New England Journal of Medicine. 2000;8.
2. Amato MB, Meade MO, Slutsky AS, Brochard L, Costa EL, Schoenfeld DA, Stewart TE, Briel M, Talmor D, Mercat A, Richard JC, Carvalho CR, Brower RG. Driving pressure and survival in the acute respiratory distress syndrome. N Engl J Med. 2015 Feb 19;372(8):747-55.
3. Bellani, G. et al. Epidemiology, Patterns of Care, and Mortality for Patients With Acute Respiratory Distress Syndrome in Intensive Care Units in 50 Countries. JAMA 315, 788 (2016).

Air autonomy

The turbine technology of Monnal™ TEO gives it air autonomy, as well as versatility, allowing it to be used outside intensive care units. Monnal™ TEO only needs a supply of oxygen (high or low pressure) to enrich the mixture of gases delivered to the patient. Thanks to its turbine, ventilation is maintained even in the event of an oxygen shortage.

- **Rapid pressure rise: 200 cmH_2O/s** to best meet the patient's inspiratory demand





Monnal™ TEO supports caregivers with advanced functional explorations.

AOP Peso
RI Ratio
Volumetric capnography
Plung

ALMS's environmental approach

Our responsible actions for the environment

ISO 14001 certification for the implementation and monitoring of its Environmental Management System at the Antony site. The renewal of this certification **since 2015** is an evidence of the commitment of both staff and management to sustainable development issues.

Made in France

Monnal™ TEO is a ventilator entirely designed and manufactured in France.

For more information,
flash and visit our website:

Contact

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6, rue Georges Besse
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medicaldevice.airliquide.com

Hotline ALMS: +33 179 51 70 01

Air Liquide HEALTHCARE

Monnal™ TEO is a blower-powered ventilator used to treat infants (weighing at least 3 kg), children and adults. It is used for patient ventilation to compensate for and mitigate respiratory failure.

Manufactured by Air Liquide Medical Systems
IIB Medical Device - Conformity assessment: GMED CE 0459 - Please read the user manual carefully.

Air Liquide Medical Systems is committed to an environmental approach with a quality-environment management system certified ISO 14001:2015.
For more information, go and visit our website: https://medicaldevice.airliquide.com/about-us/our-commitment

YN24236_IND 2_2024-07_Hospital ventilation_EN_Brochure Monnal TEO - Photos : ALMS - Design CHANH THI