

# eXtending peace of mind



To provide **the most effective** care

Medical teams should be able to use the same ventilator to meet the requirements of all patients and all clinical situations.

## Treating all types of patients

**eXtend<sup>XT</sup>** is specially designed to provide effective treatment to all categories of patients, whether adults, children or infants.

## Considering all treatment strategies

The many modes available, from the simplest to the most advanced, provide a response to all clinical situations and all treatment requirements: controlled ventilation, assisted ventilation, invasive or non-invasive ventilation.

### *eXtending the optimization of purchasing and operating costs*

- **Optimizing the value for money**
- **Reducing training times** thanks to the extreme simplicity of the interface
- **Treatment effectiveness:** **eXtend<sup>XT</sup>** provides all the tools required for the effectiveness and constant improvement of treatment and, as a result, could help to reduce the number of days of ventilation in intensive care
- **A ventilator for all patients and all treatment strategies:** **eXtend<sup>XT</sup>** suits the changing ventilation requirements during treatment, for any type of patient
- **An open-ended ventilator:** **eXtend<sup>XT</sup>**'s original design can be updated for compatibility with future system upgrades, whilst guaranteeing the ergonomic qualities of its interface
- **Consumables and accessories:**
  - **no cost related to specific consumables**
  - accessories available for **eXtend<sup>XT</sup>** integration in its environment



### Non-Invasive Ventilation

**NIV using eXtend<sup>XT</sup> provides exceptional ventilation capabilities, to avoid complications related to intubation.**

**eXtend<sup>XT</sup> provides detection and automatic compensation of leakages and appropriate alarm management.**



## Contacts

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Air Liquide's Healthcare business supplies medical gases & equipment to hospitals, medical services to patients at home and is active in the fight against nosocomial infections. Its 7,800 employees serve 5,000 hospitals and 300,000 patients, on five continents. Air Liquide is the world leader in gases for industry, health and the environment.

# EXTEND<sup>XT</sup>

Simplicity to the power of <sup>XT</sup>



# eXtending simplicity

Ventilators are more and more performant and offer ever-more advanced functionalities, often making them more complicated to use.

To allow medical teams to make the most of the clinical performance and functionalities of a ventilator, Air Liquide Medical Systems has developed **eXtend<sup>XT</sup>**, an exclusive ergonomic layout, for outstanding user-friendliness.

## Fast and easy to use

### FAST AND SIMPLE USE

A single page with a 15 inch large touch-screen giving a highly structured layout with fully dedicated areas

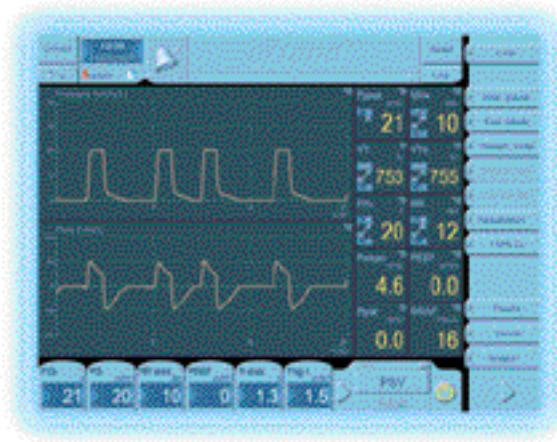
### INTUITIVE FAMILIARIZATION AND OPTIMISED TRAINING

A single and intuitive principle of use with:

- an automatic using help window
- settings and parameters selecting markers

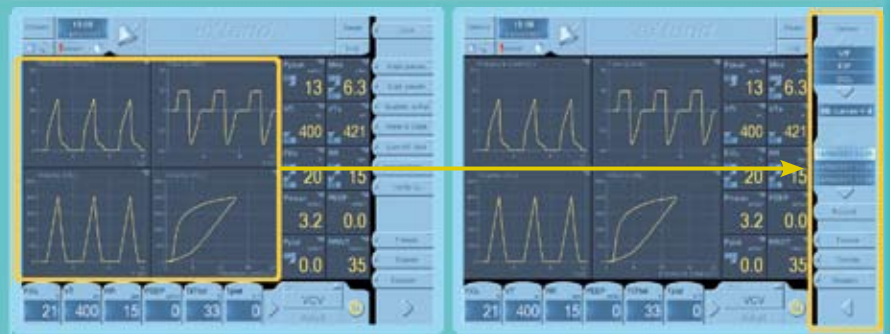
### AUTOMATIC USE

An appropriate page with information selected automatically according to the relevance of the context:  
- KeyContext™ Menu  
- an integrated and programmable nebulization



### KeyContext™ Menu

*This menu, is unique in the field of ventilation. The user obtains the optimum configuration of the interface: pressing a chosen screen's block, displays the KeyContext™ Menu and automatically provides access to the pertinent information and functions.*





To reach simply the **best performance**

#### Who are we?

*Air Liquide Medical Systems develops, manufactures and markets a complete and innovative range of medical devices. Our areas of expertise: hospital, homecare and emergency care ventilation, anesthesia, high pressure and medical gases administration as well as patient interfaces and aerosoltherapy.*

*By reinforcing the relationships between our R&D teams and the medical world, we drive innovation to provide the best technology to healthcare professionals and patients.*

## Integration into intensive care unit

Because each patient represents a different clinical case and because medical teams have different requirements and work habits, **eXtend<sup>XT</sup>** lets you personalize the interface at any time.

- Configuration of the curves and measurements displays
- Personalized configuration of the ventilation parameters: settings (TI/Ttot and I:E ratio, adjusting TI), alarms, etc.

## Patient safety

The quality and safety of ventilation must be ensured throughout treatment. Air Liquide Medical Systems develops effective systems that ensure the safety of the patient at every stage in the use of **eXtend<sup>XT</sup>** and under the best possible conditions.

- Fully automated tests to eliminate the risk of error in initializing the machine
- Help window for settings
- A fully dedicated alarm zone, carefully designed for the management of gravity and priority levels of events



# eXtending visibility



To make the **best decisions**

## Advanced patient monitoring and data recording

The medical teams should have the information and data they need at all times. **eXtend<sup>TR</sup>** has a complete, configurable monitoring system with many advanced monitoring capabilities.

### A MONITORING SYSTEM THAT CAN BE CONFIGURED ACCORDING TO THE PATIENT'S CLINICAL CONDITION

- Display of 1 to 4 curves
- Display of 10 measurements, of which 4 are configurable

### A COMPLETE MONITORING SYSTEM

- Real time waveforms: pressure, flow, volume, CO<sub>2</sub>, etc.
- Loop curves
- Availability of 100% measured data including leak percentage, EtCO<sub>2</sub>, plateau pressure, etc.

### DATA RECORDING AND PATIENT EVOLUTION

- Recorded real time waveforms: 2 days
- Continuous trends: 3 hours
- Saved trends: up to 13 days
- Saving of reference loop curves and superposition possibility
- ActiveX OTP: real-time export of patient data

## A diagnosis tool

Air Liquide Medical Systems has developed very advanced functionalities to provide analytical tools that are a guide to diagnosis and help to improve the clinical decision-making process.

### AN EASY TO USE DIAGNOSIS TOOL

- Direct access to ventilation settings and the most advanced diagnostic aid functions
- Values calculation automatically shown in a dedicated window

### A PRECISE DIAGNOSIS TOOL

- A precise and advanced functional exploration of the lung mechanics for each patient: direct access to the "FREEZE CURVE" function with intuitive cursors, an automatic calculation and displays of measurements
- Tools to determine the most suitable ventilator settings for the respiratory characteristics of the patient:
  - inspiratory and expiratory pauses
  - resistance and compliance static measurement
  - insufflation and exsufflation flow

