

FELIX DUAL

The two-face
anesthesia workstation



When
Xenon use
becomes
reality
in the
operating
room

 **DUAL**^{XENON}

 **DUAL**^{N₂O}

www.airliquidemedicalsystems.com

FELIX DUAL is the technological innovation that gives access to anesthesia with Xenon while classical anesthesia with nitrous oxide and/or anesthetic agents remains available. More than a regular anesthesia workstation, **FELIX DUAL** is made for you if emphasizing quality, safety and innovation in your daily practice of anesthesia is one of your expectations.

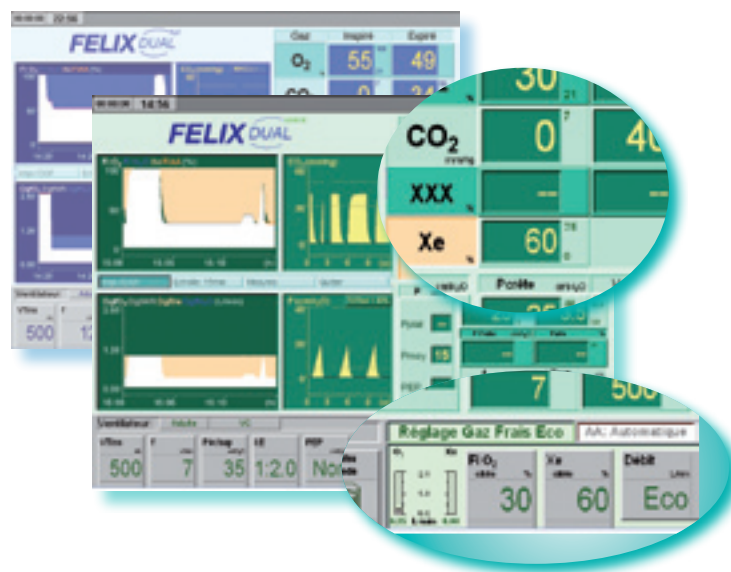
Safety, Conviviality, Simplicity

Full monitoring of patient gases

Xenon concentration measurement patented

Display of multiple trends: patient gas concentrations, fresh gas usage, ...

Smart alarm system



Performances

Real closed circuit
high reactivity allowing
optimisation of gas usage
(Xe, O₂,...)

Operating under the
principle of target-controlled
inhalation anesthesia
in ECONOMY and
AUTOMATIC modes

FELIX DUAL main technical features

General:

Dimensions: 100x60x160 cm
Total weight: 128 kg
Battery autonomy: 30 min. (adult ventilation)
Colour display: 15 inches

Performances:

Ventilation modes: Manual Ventilation, Spontaneous Ventilation, Volume Controlled, Pressure Controlled, Pressure support (option) unavailable with Xe
Current Volume: 20 to 1500 ml
Maximum flow rate: 130 l/min (N₂O mode)
Respiratory rate: 5 to 60 breaths / min
Insufflation pressure: 7 to 80 cmH₂O
Electronically-controlled relief valve (APL)

Electronic fresh gas mixer operating in different modes:

- ECO mode
- AUTO mode
- Continuous mode (0,3 to 12 l/min)

O₂ setting: 25% to 100%

Anti-hypoxic coupling system

Xe setting: 0% to 75% (depending on modes)

Target-controlled injection of Xenon and O₂

Anesthetic Agent vaporizers ramp

Electronically-controlled O₂ flush

Patient monitoring:

Ventilation: Vte, VM, RR, PEEP, Ppeak, Pmean

Gases: O₂, CO₂, Xe, N₂O, AA

Trends

RS232 communications: OTP, Vuelink, UFP protocols

Others functions (option): Airways tightness, loop curves,...



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.