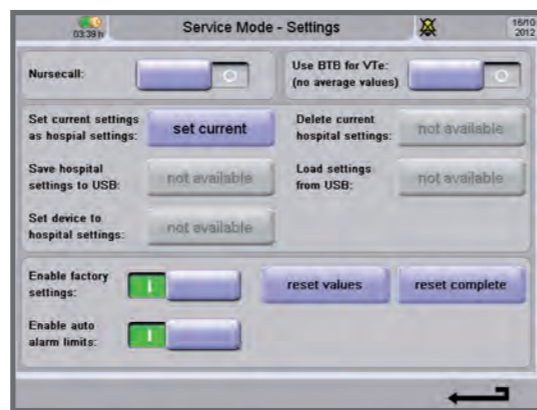


The ACUTRONIC experience... now in Non Invasive Ventilation!
fabian Therapy evolution

A small NIV device with the most modern technological platform:

- > **fabian Therapy evolution** features a proprietary built-in multi-microprocessor system, a multi-language unit with guaranteed non-obsolescence and all connections clearly arranged and easily accessible.
- > Digital Interface with most Hospital Information Systems (HIS), to easily download ventilation and monitoring data, for documentation purposes.
- > Easy to assist through the "Service mode" with remote diagnostics via USB port, standard Ethernet connection.



Clear, programmable, low cost of operation:

- > Fits most brands of prongs, nasal cannulas or masks from other manufacturers of NIV interfaces.



The ACUTRONIC Experience in your hands:

ACUTRONIC Medical Systems AG, based in Hirzel (Zurich, Switzerland) was founded in 1981, takes to the clinician 30 years of experience in neonatal and pediatric ventilation, technological advancements, exclusive design of flow sensors for accurate patient monitoring. We brought to the worldwide market products for jet ventilation, a technique of artificial respiration in ENT and thoracic surgery, becoming a major player in ventilation and involved in founding the European Society for Jet Ventilation (ESJV).

Being neonatology and PICU one of our main fields of interest, ACUTRONIC Medical Systems AG focuses on artificial respiration and monitoring of neonates and preterm newborns. The FLORIAN respiratory monitor is considered as gold standard in the measurement of gas flow and pressure during artificial ventilation. In the mid 2000's, the company launched the FABIAN Neonatal and Pediatric family of ventilators, powerful, small size, sophisticated high quality instruments, used both in the Neonatal and Pediatric intensive care units as well as for patient transport. Together with important clinical experts in anaesthesia, ENT, thoracic surgery and neonatology, ACUTRONIC Medical Systems AG develops new innovative solutions for the daily clinical routine with an eye for technology, patient and operator safety.

All products carefully engineered and built in Switzerland, to care for your patients, everywhere.

Specifications and features subject to change without notice.

CE 0124

Your ACUTRONIC authorized representative:



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broc-evo-therap-01-eng-A



The latest
 NIV technology
 and modes,
 in a compact
 powerful unit



fabian Therapy evolution: Powerful, Compact, Safe...

and Non-Invasive!

The smallest but not the least powerful member of the ACUTRONIC family, a true, complete, powerful NIV ventilator that features all classic and new NIV modes. The complete range of capabilities and modes that the **fabian Therapy evolution** features allows to ventilate, non-invasively, a wider range of patients, from neonates to pediatric, avoiding complications often associated with intubation. Packed with features and characteristics often found only in bigger devices, **fabian Therapy evolution** is the most advanced NIV ventilator in the marketplace today, high technology with well proven ACUTRONIC experience.

NIV modes:

Stable and effective therapy both in **non invasive** nCPAP and duoPAP (Bilevel CPAP) modes.

Optimized CO₂ washout with Bilevel CPAP (duoPAP) with inspiratory time up to 15 seconds.

The **fabian Therapy evolution** comes both with the "Variable Flow" principle (*Infantflow®* or *Inspire™*) and the Medijet® system to care for neonates and pediatrics with respiratory diseases.

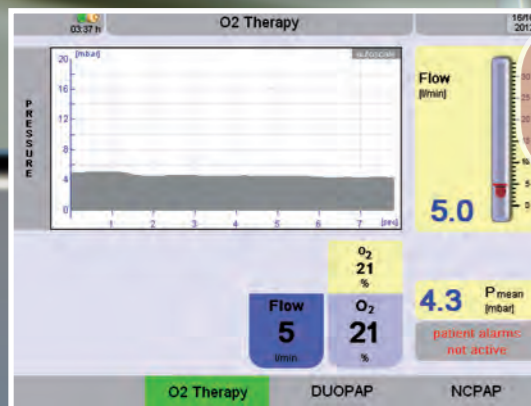
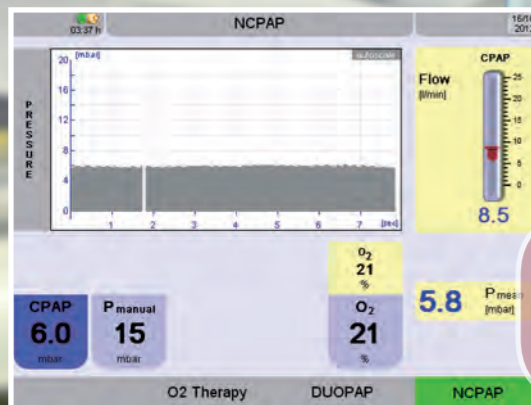
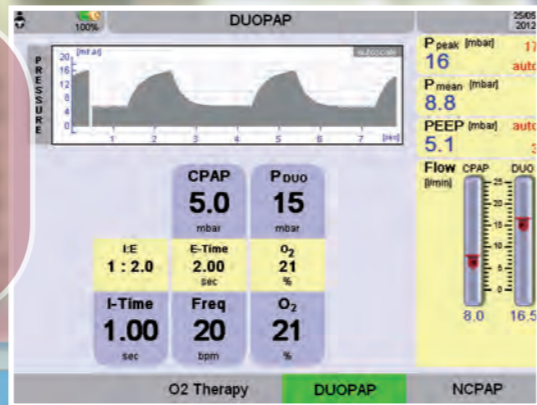
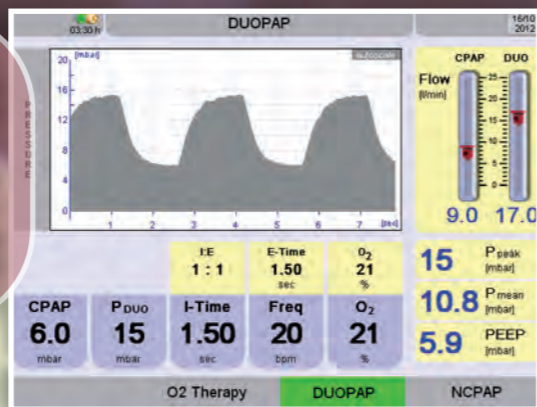
Infant Flow® mode: after setting the desired CPAP and or duoPAP pressure, your **fabian Therapy evolution** will maintain it automatically even in presence of large flow leaks (Leak Adapted nCPAP and duoPAP).

Medijet® mode: adjustable jet constant excess pressure delivered to the neonate, to gently encourage spontaneous breathing, with same advantages of Leak Adapted nCPAP and duoPAP features.

For classic **non-invasive** ventilation with optimal CO₂ washout and leak compensation, featuring demand nCPAP.

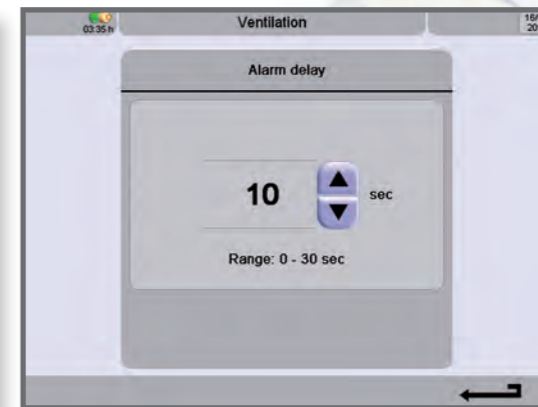
O₂ Therapy with HFNC (High Flow Nasal Cannulas) and APRV included as extra NIV ventilation modes.

O₂ Flush function included for optimal maintenance of SpO₂



Quick and easy to setup and use:

Clear, bright display, interactive LED touch-screen with *One Touch* settings, full alphanumeric keyboard with simple, easy, intuitive menus and commands



Monitor your NIV therapy with fast display switch between numerical parameters and curves.

Always safe with easy to set alarm settings, manual and automatic alarm modes.

Small, compact, transportable, safe:

A compact and reliable lightweight unit (9.5kg), designed for stationary use but also for easy, safe and practical transport, with integrated O₂ gas blender and electronic flowmeters.

Built-in backup battery pack for up to 3 hours of self-powered operation.

On-line continuous check of all ventilator functions and battery power status.

