

## VERTICAL LABORATORY STEAM STERILIZERS

NC 40M and NC 90M model Steam Sterilizers have been developed specially to use in liquid and culture studies. By the mean of the flexible temperature probe that can be placed in a liquid container to ensure that the required sterilization time only starts when the fluids themselves are at the temperature stated in the protocol. In this way, the sterilization of the liquids in the container is guaranteed.

It has a programmable microprocessor N-Smart™ control system and a 4.3" LCD screen that facilitates operations. The sterilization cycles made can be transferred to the external memory via the USB output. With the Wi-Fi connection and N-Mobile™ Phone application offered as standard, the temperature value is monitored over the smartphone, and instant notification is received in any error situation. The device is equipped with an alarm system that is activated in an emergency.

The standard fan system in the devices provides rapid cooling of liquids. At the same time, the liquid cultures inside the chamber are cooled at the same rate, the samples are sterilized without overflowing, and the sterilization time is shortened.

### NC 40M / 90M VERTICAL LABORATORY STEAM STERILIZERS

- Five pre-set programs which guarantee safe sterilization of the treated material
- Two free programs for liquid and solid also a special program for melting
- Fractionated exhaust system for sensitive materials
- Manometer for chamber pressure
- Validation port
- Display of temperature data graphically
- Programmable delayed start function with real time and date
- Internal memory which stores the records of last 500 cycles in detail and 29.500 cycles as summary
- Monitoring of the program running with optional NüveCloser™ software, door position, error history and access to memory
- Optional panel type printer
- Password protected control system, service and calibration menu
- Colour changing display in case of error and audible alarm system
- Reminder for gasket and filter replacement
- Sending e-mail in case of failure with Ethernet connection
- Sending SMS to 5 different mobile numbers in case of malfunction with the optional AlerText™ GSM alarm module
- Safety valve against overpressure
- Chamber manufactured according to 2104 / 68 / EU

### NC 40M / 90M

- Two different chamber volume: 42 litres and 96 litres
- Sterilization temperature range: 105°C to 135°C
- Chamber made of 316L stainless steel
- Maximum bottle capacity:  
NC 40M: 10 pieces 1000 ml bottle  
NC 90M: 24 pieces 1000 ml bottle

