



OT 100V

Vertical Steam Sterilizer



# OT 100V

## Vertical Steam Sterilizer

### Wide Range of Applications

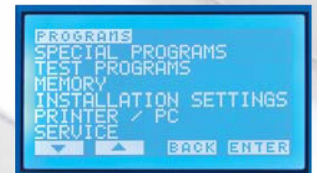
- Advanced technology for the sterilization of textile; wrapped or packed materials; glass and liquid in operating theatres and laboratories of hospitals; dentistry; biology, veterinary and agriculture departments of universities; microbiology and quality control laboratories of industry such as food.

### Versatile Operating System

- Fully automatic system leaves user free for other important work
- Integrated steam generator for fast production of steam
- Maintenance-free diaphragm type powerful vacuum pump
- Fractionated pre-vacuum to eliminate all air bubbles and achieve 100% steam penetration
- Fractionated post-vacuum for efficient drying of the samples
- Sterilization quality matching the needs of EN 285 European Standard for Large Steam Sterilizers
- Pre-heated chamber to eliminate condensation on the chamber walls and speed up the heating of the samples

### Powerful & Reliable Control System

- Easy to use microprocessor control system with 128x64 pixels LC display
- Main menu includes :
  - Programs
  - Special Programs
  - Test Programs
  - Memory
  - Installation Settings
  - **NüveStore™** PC / Printer / SD Card Writer
  - Service
- For energy saving, programmable holding time between 1 - 999 minutes to stop heating of generator and chamber in the case of the OT 100V not being switched off.



### Dedicated Programs for Specific Protocols

- 5 preset programs including Prion :

PROGRAM NAME	TEMPERATURE	STERILIZATION TIME
Universal	134°C	4 minutes
Solid	134°C	10 minutes
Prion	134°C	20 minutes
Quick	134°C	4 minutes
Gentle	121°C	20 minutes

- 6 special programs including liquid sterilization at 121°C
- Programmable parameters for special programs :
  - Temperature range : 105°C - 136°C
  - Sterilization time : 1 - 99 minutes
  - Drying time : 0 - 60 minutes



### Special Test Programs

- Vacuum leakage test
- Bowie & Dick / Helix test





## Multiple Data Storage and Recall

- Memories for the last 25 cycles which are classified as :
  - All cycles
  - Completed cycles
  - Alarm cycles
  - Stopped cycles
  - Printed cycles
- Cycle counter records the number of the operated cycles in the memory
- Enables servicing and maintenance to be planned at a convenient time



## Full Reporting Information

- The following parameters can be programmed
  - Company Name
  - Address
  - Telephone Number
  - Language
  - Date and Time



## Complete Traceability in 3 Ways

- Sterilization cycle can be printed with optional panel type printer or external printer
- With **NüveStore™**, the sterilization cycle can be stored on an SD card and printed whenever required
- **SteamArt™** software for the storage of the sterilization data on PC supplied with OT 100V



Full Traceability



Data Tracking

## Complete On-Board Service Support

- All information needed for servicing and maintenance can be reached easily in the password protected Service menu



## Process Evaluation and Self Diagnostic System

- Compare the preset values with operating parameters using the process evaluation system
- When the operating parameters do not match the preset values, the sterilization cycle is cancelled and the user is warned
- Comprehensive self diagnostic system for 22 possible failures such as power failure, heater failure, low water level, high pressure and temperature

## Designed for Safety

- Ergonomic and user friendly design conforming to 93/42/EEC MDD Medical Device Directive, EN 285 European Standard for Large Steam Sterilizers and 97/23/EEC PED Pressure Equipment Directive



# OT 100V

## Vertical Steam Sterilizer

### Technical Specifications

Control System	Fully automatic microprocessor control system with 128x64 pixel LC display
Chamber Volume	100 liters
Number of Preset Programs	5
Number of Special Programs	5 + 1 for liquid
Temperature Range	105°C - 136°C
Minimum Vacuum Level	200 mbar
Internal Material	Stainless steel
External Material	Stainless steel body and epoxy polyester powder coated stainless steel lid
Chamber Dimensions (Diam.xH) mm	Ø 400 x 850
External Dimensions (WxDxH) mm	890 x 630 x 1070
Standard Accessories	3 sterilization baskets
Power Consumption	7500 W
Power Supply	400 V 50/60 Hz, 3 phases + N + G
Net / Packed Weight, kg	171 / 240
Packing Dimensions (WxDxH) mm	980 x 730 x 1270

### Factory Fitted Options

OT 100VY	Panel type thermal printer
OT 100VA	Automatic water supply unit

### Accessories

Y 07 002	External thermal printer
Y 07 004	NüveStore™ SD card writer with 2 GB SD card



**NÜVE SANAYİ MALZEMELERİ  
İMALAT VE TİCARET A.Ş.**

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ISO 9001: 2008  
ISO 13485: 2003

