



NC 100

Vertical Steam Sterilizer



N-smart

NC 100

VERTICAL STEAM STERILIZER

NC 100 Vertical Steam Sterilizer is designed for the sterilization of textile, wrapped or packed materials, glass and liquid in operating theatres and laboratories of hospitals; dentistry; biology, veterinary and agricultural departments of universities; microbiology and quality control laboratories of industry such as food.

VERSATILE OPERATING SYSTEM

- 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 successful 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 to speed up the heating of the samples





RELIABLE AND POWERFUL CONTROL SYSTEM: N-Smart™

- Maximum information with highly visible 4,3" colourful LCD display
- Four context-sensitive function keys for versatile & easy use
- Password protected menu to secure run parameters and data
- With 5 language options: Turkish, English, French, Russian, Spanish
- Icons to make the operations easier for immediate understanding



EASY STERILIZATION

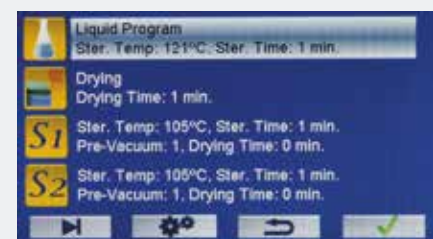
- Five pre-set programs which guarantee safe sterilization of the treated material

Universal	134°C	4 minutes
Solid rubber material	134°C	10 minutes
Prion	134°C	20 minutes
Quick, unwrapped	134°C	4 minutes
Sensitive material	121°C	20 minutes

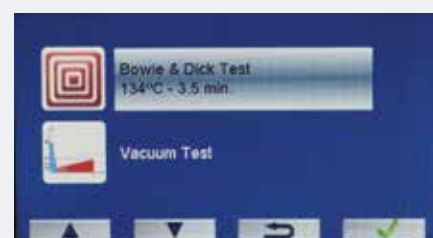


- Ten programmable free programs:

Temperature :	105°C - 136°C
Sterilization time :	1 - 99 minutes
No. of pre vacuum :	1 - 4
Drying time :	0-30 minutes



- Two special programs for liquid sterilization and drying
- Programmable pre-heating

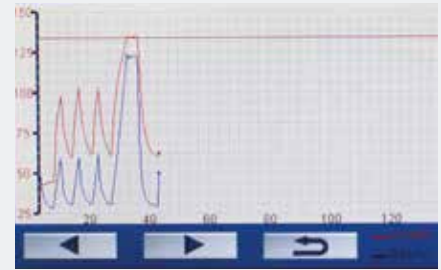


TEST PROGRAMS

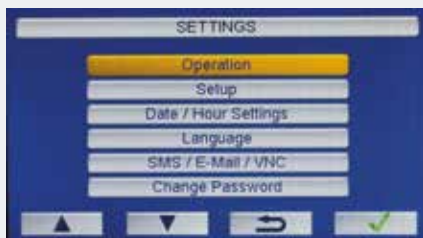
- Vacuum leakage test and Bowie & Dick test

FULL TRACEABILITY AND REMOTE ACCESS

- Operating parameters can be tracked graphically against time
- Massive data storage with internal memory which stores the records of last 500 cycles detailed and 29,500 cycles as summary
- Memory for the last 100 failures
- USB port to record the operated cycles in the memory to a memory stick
- Possibility of PC connection through USB / RS 232 port
- Ethernet port for remote access through internet by means of optional NüveCloser™ software
- NüveCloser™ allows to access operating parameters, memory, failure history and other technical parameters
- Optional panel type printer to keep the records of the sterilization cycle

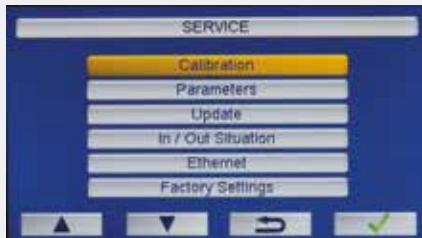


OLDER CYCLES				
NO	DATE	TIME	PROGRAM	ERROR
00001	22.09.15	12:18	Bowie & Dick/Hein	---
00002	22.09.15	09:51	Sensitive	✓
00003	22.09.15	09:11	Vacuum Test	✓
00004	21.09.15	16:26	Prion	✓
00005	21.09.15	13:56	Sensitive	✓



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 19 possible failures such as power failure, heater failure, low water level, high pressure and temperature, sensor failure...



SAFETY OVER STANDARDS

- Password protected control system, service and calibration menu
- Lid safety system
- Colour of the display changes to red in case of any alarm condition along with an audible alarm
- Reminder for gasket and filter replacement
- Remote failure diagnostic by means of NüveCloser™ software
- Sending e-mails up to five e-mail addresses with the details of failure
- Optional AlerText™ SMS alarm system for ultimate security
- Safety valve against over pressure
- HEPA filter at air intake line
- Chamber and generator manufactured according to PED 2014/68 EC
- Validation port as standard



TECHNICAL SPECIFICATIONS

Chamber Volume, litres	100
Sterilization Temperature	105°C - 136°C
No of Preset Programs	5
No of Free Programs	10
Special Programs	Liquid Sterilization and Drying
Test Programs	Vacuum Leakage, Bowie & Dick
Minimum Vacuum Level	200 mbar
Control System	N-Smart™ Control System
Display	4,3" Colourful LCD Display
Internal Material	Stainless Steel
External Material	Stainless Steel and Epoxy Polyester Powder Coated Stainless Steel
Standard Accessories	3 sterilization baskets
Power Consumption	7.500 W
Power Supply	400 V 50/60 Hz, 3 phases + N + G
Chamber Dimensions (DiaxHeight) mm.	Ø 400x850
External Dimensions (WxDxH) mm.	890x663x1115
Packing Dimensions (WxDxH) mm.	970x755x1260
Net / Packed Weight kg.	172 / 182

FACTORY FITTED OPTIONS

NC 100Y	Panel type thermal printer
NC 100A	Automatic water supply unit
NC 100E	Nuvelift™ to load/unload basket

OPTIONS

A 08 191	AlerText™ GSM alarm module
A 08 212	NüveCloser™ Software CD with 3 m. RS 232 cable



NUVE SANAYİ MALZEMELERİ İMALAT VE TİCARET A.Ş.

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ISO 9001: 2008
ISO 13485: 2012

