

Lot 55, Autoclav, Anexa tehnica

Parametri ceruti	Parametri oferiti
"Autoclav 100 l cu încărcare verticală (hotel inox) cu ciclu de vacuum Descriere Sterilizatoare cu aburi cu ciclu de vacuum, cu încărcătură verticală, utilizează aburi sub presiune care generează căldură umedă ce ajută la eliminarea microbilor viabili din dispozitive medicale non-termic-sensibile, inclusiv produse tolerante la căldură folosite pentru îngrijirea pacientului cu scopuri chirurgicale și generale. Construcția interioară este din oțel. Parametrul Specificația Încărcare verticală Construcția interioară din oțel Exterior metalic galvanizat sau oțel inox. Securitate la supraîncălzire Alarmer acustică vizuală Durata sterilizării reglabilă Regimuri de sterilizare presetate ≥ 5 programe Setarea de către utilizator a regimului de sterilizare dorit Control electronic Microprocesor Sistem de blocare a ușii autoclavului care împiedică pornirea ciclului dacă este ușa deschisă Ușa rămâne blocată până la scaderea sfârșitul procesului de sterilizare Suprafața exterioară să nu se încălzească Imprimantă termică Monitorizarea procesului pe ecran LCD sau afișaj LED Monitorizarea în timp real temperatura în camera de sterilizare presiune (prin manometru sau digital) vacuum (prin manometru sau digital) Ciclu de sterilizare Ciclu de presiune pozitivă Ciclu de vacuum Pre și post vacuum selectabil Sistem de uscare Facilități de setare timp temperatura eliberare automată a vaporilor printare a rezultatelor racire rapidă Volum interior 100 l, ± 10 l Precizie timp de sterilizare ± 1 min. Gama de temperatură: 105 -134 grade C Precizie temperatură $\pm 2^{\circ}\text{C}$	Model NC 100, Nuve, Turcia "Autoclav 100 l cu încărcare verticală (hotel inox) cu ciclu de vacuum Descriere Sterilizatoare cu aburi cu ciclu de vacuum, cu încărcătură verticală, utilizează aburi sub presiune care generează căldură umedă ce ajută la eliminarea microbilor viabili din dispozitive medicale non-termic-sensibile, inclusiv produse tolerante la căldură folosite pentru îngrijirea pacientului cu scopuri chirurgicale și generale. Construcția interioară este din oțel. Parametrul Specificația Încărcare verticală Construcția interioară din oțel Exterior oțel inox acoperit cu vopsea epoxidică și oțel inox. Securitate la supraîncălzire Alarmer acustică și vizuală Durata sterilizării reglabilă Regimuri de sterilizare presetate 5 programe Setarea de către utilizator a regimului de sterilizare dorit, da 10 programe libere. Control electronic Microprocesor Sistem de blocare a ușii autoclavului care împiedică pornirea ciclului dacă este ușa deschisă Ușa rămâne blocată până la scaderea sfârșitul procesului de sterilizare Suprafața exterioară nu se încălzește Imprimantă termică incorporată Monitorizarea procesului pe ecran LCD color Monitorizarea în timp real temperatura în camera de sterilizare presiune (digital) vacuum (digital) Ciclu de sterilizare Ciclu de presiune pozitivă Ciclu de vacuum Pre și post vacuum selectabil Sistem de uscare , 0-30 minute Facilități de setare timp, pe interval 1-99 minute temperatura eliberare automată a vaporilor printare a rezultatelor racire rapidă Volum interior 100 l Precizie timp de sterilizare ± 1 min. Gama de temperatură: 105 -136 grade C Precizie temperatură $\pm 2^{\circ}\text{C}$

Autoclavul să fie conectat la conductele de apă și canalizare Să fie inclus sistem de filtrare a apei utilizate pentru procesul de sterilizar Înregistrator date Tip date data timp temperatura presiune Alimentare Cerințe de alimentare la rețeaua electrică: 380V, 50 Hz "	Autoclavul va fi conectat la conductele de apă și canalizare Este inclus sistem de filtrare a apei utilizate pentru procesul de sterilizar Înregistrator date pentru 500 cicluri detaliate, si sumar 29500 cicluri Tip date data timp temperatura presiune Alimentare Cerințe de alimentare la rețeaua electrică: 380-400V, 50 Hz, 3 Ph "
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NÜVE SANAYİ MALZEMELERİ İMALAT VE TİCARET ANONİM ŞİRKETİ

Saracalar Mahallesi Saracalar Kümeevleri No:4/2 Akyurt Ankara, Turkey

**Design, Manufacture, Sales And After Sales Services Of Laboratory
And Sterilization Equipments**

with a scope of

ISO 9001:2015

Has established a quality management system in accordance
with international standard.

"Following elements of the standard are excluded"
"None"

Certificate No	: M 8215
Initial Certification Date	: 28 April 2010
Certification Date	: 11 March 2022
Expiration Date	: 10 March 2025

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General Manager

Certificate is valid till expiration date,
subject to successful completion of
periodical surveillance audits.
Please contact above numbers for
detailed information.



NÜVE SANAYİ MALZEMELERİ İMALAT VE TİCARET ANONİM ŞİRKETİ

Saracalar Mahallesi Saracalar Kümeevleri No:4/2 Akyurt Ankara, Turkey

**Design, Manufacture, Sales And After Sales Services Of Laboratory
And Sterilization Equipments**

with a scope of

EN ISO 13485:2016

Has established a management system in accordance
with international Medical Devices Quality Management System Standard

"Following elements of the standard are excluded"

"7.5.5" "7.5.7" "7.5.9.2"

Certificate No	: M 8216
Initial Certification Date	: 28 April 2010
Certification Date	: 11 March 2022
Expiration Date	: 10 March 2025

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General Manager





NC 100

Vertical Steam Sterilizer



N-s2art

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

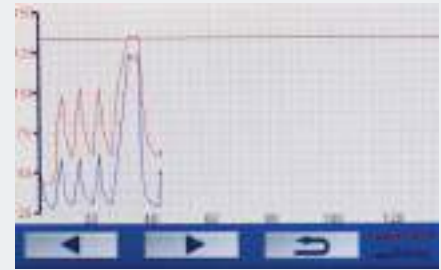


TEST PROGRAMS

- 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

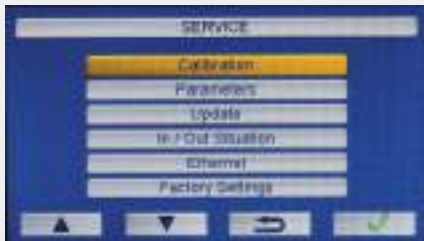


OLDER CYCLES					
NO	DATE	TIME	PROGRAM	STATUS	ERROR
00001	22.09.15	12:16	Bowie & Dick test	✓	---
00002	22.09.15	09:51	Sensitive	✓	---
00003	22.09.15	08:11	Vacuum Test	✓	---
00004	21.09.15	16:26	Pilot	✓	---
00005	21.09.15	13:56	Sensitive	✓	---



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



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ISO 9001: 2008
ISO 13485: 2012





HPI Verification Services

EU-type Examination Certificate

This is to certify that the product listed below conforms to the requirements of the

Pressure Equipment Directive 2014/68/EU

Annex III Module B(prod)

Certificate Number

HPVS/P1057-048-I-01 rev.1

Date of Issue

15-Nov-2017

Date of Expiry

01-Oct-2027

Designer

NÜVE SANAYİ MALZEMLERİ İMALAT VE TİCARET A.Ş.

Saracalar Mah. Saracalar Kömürevleri No:4/2

Akyurt /Ankara /Turkey

Description of Pressure Equipment

Steam sterilizer Range : NC 23B, NC23S, NC32S, NC 100, NC 150, NC 150D, NC 40M, NC 90M, NC 300, NC 430, NC 430D, NC 570, NC 570D, NC 710, NC 710D;

Steam generator Range: NC 100, NC 150, NC 300, NC 430, NC 570, NC 710.

Drawing No

N 8467, N 8466, N 8468, N 8475, N 8456, N 8480, N 8463, N 8462, N 8484, N 8461, N 8465, N 7118, N 8040, N 8036, N 6871, N 7987, N 8457, N 7539, N 8359, N 8456 Rev.0 dated 28 Sep 2017; N 8515 Rev.0 dated 19 Oct 2017; N 8497 Rev.0 dated 05 Oct 2017; N 8491 Rev.0 dated 26 Sep 2017

Serial No

n/a

Design Pressure

PS = 3 bar (for NC 23S, NC 23B, NC 32S PS = 2,6 bar)

Design Temperature

Max 144 °C (for NC 23S, NC 23B, NC 32S Max 140 °C)

Standards Used

EN 13445

Report Reference

HPVS/P1057-048-DR01 to DR04

This Certificate is valid in any European Economic Area Member State.

This Certificate has been issued by HPI Verification Services Ltd which is a body notified to the European Commission according to the provisions of the Pressure Equipment Directive (Notified Body number 1521).

This Certificate is issued following the assessment of a representative sample of the Pressure Equipment detailed above in accordance with the provisions of the above regulations. The equipment must be subject to an appropriate conformity assessment module during manufacture prior to the CE Mark being affixed.

Check this certificate is genuine



Managing Director

Technical Manager



EU Notified Body No. 1521
Company registered in England #7217086

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