

Anexa 23, Termostat de laborator
EN 055
Nuve, Turcia

Specificarea tehnică deplină solicitată, Standarde de referință	Specificarea tehnică deplină oferita, Standarde de referință
<p>Descriere: Termostat de laborator/incubator -termostatat (fără răcire) Pentru menținere temperatură stabilă în volum închis. Parametru Specificația Volum cameră (util) ≥ 50 L și ≤ 90 L Performanță temperatură Domeniu temperatură De la (Tamb +5 °C) până la ≥ 80 ° Precizie / eroare de măsurare (setpoint) $\pm 0,5$ °C</p> <p>Uniformitate în cameră $\leq \pm 0,5$ °C la 37 °C Viteză încălzire ≤ 30 min (20→70 °C), opțional Circulație aer / construcții Convecție Naturală sau forțată (ventilator) Material cameră interioară Oțel inoxidabil AISI 304 sau echivalent Rafturi ≥ 3 rafturi Port de acces ≥ 1 port cablu $\varnothing 20$ -40 mm, opțional Ușă interioară sticlă Opțional Iluminare interioară Opțional Control / siguranță Control temperatură Microprocesor / PID Protecție supraîncălzire Limitator independent (mecanic sau electronic) Alarmer Acustic + vizual (minim: depășire temp.) Timer 1 min...≥ 99 h Blocare tastatură (Opțional) obligatoriu Interfață/afișaj/conectivitate Afișaj Digital (LCD/LED); touchscreen - opțional Înregistrare date obligatoriu Interfață USB sau RS 232 Ieșire alarmă (Contact uscat / releu) optional Alimentare / dimensiuni Alimentare 220 -240VAC,50/60 Hz Putere nominală ≤ 1700 W Dimensiuni exterioare $\leq 70 \times 70 \times 90$ cm (toleranță ± 10 cm) Greutate ≤ 75 kg Accesorii (livrare minimă) Rafturi ≥ 3 Tăviță colectare opțional Senzor temperatură intern/integrat opțional</p>	<p>Descriere: Termostat de laborator/incubator -termostatat (fără răcire) Pentru menținere temperatură stabilă în volum închis. Parametru Specificația Volum cameră (util) 55 L Performanță temperatură Domeniu temperatură De la (Tamb +5 °C) până la 99.9 ° Precizie / eroare de măsurare (setpoint) pe interval 0,5 °C pina la 5 °C Uniformitate în cameră $\leq \pm 0,5$ °C la 37 °C Viteză încălzire ≤ 30 min (20→70 °C), opțional Convecție forțată (ventilator), cu reglare a intensitatii Material cameră interioară Oțel inoxidabil</p> <p>Rafturi 3 rafturi(2 standard plus 1 bucata adaugata) Port de acces 1 port cablu $\varnothing 20$ -40 mm, Nu Ușă interioară sticlă inclusa Iluminare interioară NU Control / siguranță Control temperatură Microprocesor / PID Protecție supraîncălzire Limitator independent (electronic) – setabil la Alarmer Acustic + vizual (minim: depășire temp.) Timer 1 min...99,99 h, sau operare continua Blocare tastatură (Opțional) obligatoriu - Nu Interfață/afișaj/conectivitate Afișaj Digital (/LED); touchscreen – nu, taste de control Înregistrare date obligatoriu, pe interval 1-999 minute Interfață USB Ieșire alarmă (Contact uscat / releu) optional Alimentare / dimensiuni Alimentare 220 -240VAC,50/60 Hz Putere nominală 350 W Dimensiuni exterioare 64.5x56x71 cm</p> <p>Greutate 46 kg Accesorii (livrare minimă) Rafturi 3 Tăviță colectare Nu Senzor temperatură intern/integrat</p>



EN SERIES

Incubators



- It is designed to provide the incubation conditions needed in the studies in the field of microbiology in the laboratories of medicine, veterinary medicine, pharmacy, science, agriculture, engineering faculties and institute laboratories of universities, as well as in research and quality control units in the pharmaceutical, cosmetics, food, chemical industry, and for applications requiring precise temperature.
- Air jacketed heating system providing precise temperature control and constant temperature
- Minimized cross-contamination in microbiology studies and homogeneous temperature distribution
- Triple insulation consisting of Glass wool, aluminium layer and air a jacket
- Stainless steel chamber with smooth surface for easy cleaning
- Frameless inner glass door for observation of the samples without any temperature drop
- N-Prime™ programmable PID microprocessor control system for precise temperature control
- Easy programming with one button, just turn and push
- Highly visible dual displays for temperature and time
- 4-digit password protected menu to secure the operation
- Programmable alarm limits
- Possibility to record up to 125 days with internal memory
- Data recording on memory stick by means of USB port
- Programmable delayed start function
- Adjustable independent safety thermostat which takes over control in case of any failure
- Adjustable ventilation
- Optional Wi-Fi connection for N-Mobile™
- Optional N-Smart™ control system

N-prime

TECHNICAL SPECIFICATIONS

	EN 055	EN 120
Temperature Range	Ambient Temperature + 5°C to 99,9°C	
Temperature Sensor	Fe-Const	
Control System	N-Prime™ Programmable Microprocessor	
Displays	LED Displays for Temperature and Time	
Temperature Set and Reading Sensitivity	0,1°C	
Temperature Variation @ 37°C*	≤ ±0,5°C	
Temperature Fluctuation @ 37°C*	±0,1°C	
Programmable Alarm Limits	±0,5°C to 5°C	
Timer	1 minute – 99,9 hours + Hold Position	
Delayed Start Timer	1 minute to 99,9 hours	
Recording Time Interval on External Memory	1-999 minutes	
Useful Volume, litres	55	120
Number of Shelves (Standard/ Max.)	2/7	2/10
Internal Material	Stainless Steel	
External Material	Epoxy-polyester Powder Coated Steel Sheet	
Power Rating	350 W	400 W
Power Supply	230 V - 50/60 Hz	
Internal Dimension (WxDxH) mm	420x370x365	500x480x500
External Dimension (WxDxH) mm	645x560x710	730x670x850
Packing Dimension (WxDxH) mm	720x650x930	800x750x1070
Net/Packed Weight Kg	46 / 49	66 / 71

* At 22°C ambient temperature, ventilation is closed

FACTORY FITTED OPTION

EN XXX WF

EN XXX N N-Smart™ control system

ACCESSORIES

R 01 127 Mesh type shelf for EN 055

R 01 131 Mesh type shelf for EN 120

K 23 048 Shelf carrier for EN 055

K 23 040 Shelf carrier for EN 120

OPTIONS FOR EN 055N and EN 120N

A 08 191 AlerText™ GSM alarm module

A 08 195 NuveCloser™ software



NUVE SANAYİ MALZEMELERİ İMALAT VE TİCARET A.Ş.

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ISO 9001: 2015

ISO 13485: 2016

ISO 45001: 2018



EC DECLARATION OF CONFORMITY

We, **NÜVE Sanayi Malzemeleri İmalat ve Ticaret A.Ş.**
Saracalar Mah. Saracalar Kümeevleri No: 4/2 (Eski Esenboğa Yolu 22 Km.)
Akyurt 06750 Ankara / TURKEY

Herewith declare that the following described product meets the provisions of the following directives. All supporting documentation is retained under the premises of the manufacturer.

PRODUCT:

INCUBATOR

MODEL:

EN 032 – EN 055 – EN 120
EN 032N – EN 055N – EN 120N

APPLICABLE HARMONISED
STANDARDS:

DIN 12880: 2007
EN 61010-1: 2010
EN 61326-1: 2013
EN 61010-2-010: 2014
EN 61000-6-3: 2007

SIGNATURE:


Beril İZGIN
General Manager

CE



CERTIFICATE

NÜVE SANAYİ MALZEMELERİ İMALAT VE TİCARET ANONİM ŞİRKETİ

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

**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 : 30 January 2025
Expiration Date : 29 January 2028

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

General Manager



TÜRKAK BDS NO
YS-A194-43FA

NÜVE SANAYİ MALZEMELERİ İMALAT VE TİCARET ANONİM ŞİRKETİ

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

**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"

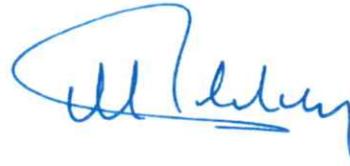
"7.5.5" "7.5.7" "7.5.9.2"

Certificate No	: M 8216
Initial Certification Date	: 28 April 2010
Certification Date	: 30 January 2025
Expiration Date	: 29 January 2028

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detailed information.



General Manager



TÜRKAK BDS NO
YS-843F-FB1A