



# FN SERIES

## Dry Heat Sterilizers /Ovens

- Designed for the dry heat sterilization in medical, dentistry and veterinary applications
- Suitable for drying, warming and heating, heat treatment and long term stability tests in research and industrial laboratories
- Very homogeneous temperature distribution by natural air convection for FN 300/400/500 and by forced air ventilation for FN 400P/500P
- Anodic-oxidated aluminium chamber for FN 300/400/500 and stainless steel chamber for FN 400P/500P
- The door, pressing firmly and tightly on the chamber gasket to reduce temperature loss
- Adjustable outlet port for vapour exhaustion
- Reliable and accurate N-Prime™ programmable PID microprocessor control system
- User friendly control panel including large bright LED displays for temperature and time
- Easy programming with one button, just turn and push
- Password protected menu to secure the operation
- Programmable alarm limits
- Data recording on memory stick by means of USB port up to 125 days
- Programmable delayed start function
- Highly visible dual displays for temperature and time
- Adjustable independent safety thermostat which takes over control in case of any failure



**N-prime**

## TECHNICAL SPECIFICATIONS

|  | FN 300                                   | FN 400      | FN 400P         | FN 500                    | FN 500P         |
|--|--|-------------|-----------------|---------------------------|-----------------|
| Temperature Range                              | Ambient Temp + 5°C / 250°C               |             |                 |                           |                 |
| Temperature Sensor                             | Fe-Const                                 |             |                 |                           |                 |
| Control System                                 | N-Prime™ Programmable Microprocessor     |             |                 |                           |                 |
| Temperature Set and Display Sensitivity        | 1°C                                      |             |                 |                           |                 |
| Temperature Variation (100°C-150°C)            | ± 2°C                                    |             |                 |                           |                 |
| Temperature Fluctuation                        | ± 1°C                                    |             |                 |                           |                 |
| Programmable Alarm Limits                      | ± 2°C / 10°C                             |             |                 |                           |                 |
| Timer  | 1 minute – 99,9 hours + Hold Position    |             |                 |                           |                 |
| Delayed Start Timer                            | 1 minute – 99,9 hours                    |             |                 |                           |                 |
| Selectable Recording Frequency on Memory Stick | 10 or 30 seconds, 1, 5, 30 or 60 minutes |             |                 |                           |                 |
| Useful Volume, litres                          | 22                                       | 48          | 42              | 120                       | 110             |
| Number of Shelves (Standard/ Max.)             | 2/6                                      | 2/7         | 2/7             | 2/10                      | 2/10            |
| Internal Material                              | Anodic-oxidated Aluminium                |             | Stainless Steel | Anodic-oxidated Aluminium | Stainless Steel |
| External Material                              | Epoxy - Polyester Powder Coated Steel    |             |                 |                           |                 |
| Power Consumption                              | 500 W                                    | 800 W       | 900 W           | 1600 W                    | 1550 W          |
| Power Supply                                   | 230 V, 50/60 Hz                          |             |                 |                           |                 |
| Internal Dimensions (WxDxH) mm.                | 300x240x300                              | 420x320x360 | 420x280x360     | 500x480x500               | 500x445x500     |
| External Dimensions (WxDxH) mm.                | 555x380x460                              | 705x475x540 | 705x505x540     | 785x630x680               | 785x665x680     |
| Packing Dimensions (WxDxH) mm.                 | 640x470x640                              | 790x570x750 | 790x580x760     | 870x740x860               | 870x740x860     |
| Net / Packed Weight kg.                        | 26 / 31                                  | 37 / 43     | 39 / 45         | 55 / 65                   | 66 / 74         |

## ACCESSORIES

|          |                             |
|----------|-----------------------------|
| R 01 014 | Aluminium Shelf for FN 300  |
| R 01 136 | Mesh type shelf for FN 400  |
| R 01 126 | Mesh type shelf for FN 400P |
| R 01 135 | Mesh type shelf for FN 500  |
| R 01 111 | Mesh type shelf for FN 500P |
| K 23 031 | Shelf carrier for FN 300    |
| K 23 047 | Shelf carrier for FN 400    |
| K 23 048 | Shelf carrier for FN 400P   |
| K 23 046 | Shelf carrier for FN 500    |
| K 23 040 | Shelf carrier for FN 500P   |

Note: 2 pcs. shelf carrier should be ordered for each shelf



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

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