

# FN 032-055-120

## DRY HEAT STERILIZERS / OVENS



The new generation of FN series Dry Heat Sterilizers / Ovens are designed to be used in many applications such as sterilization, drying, warming and heating, heat treatment and long term stability tests in medical, research and industrial laboratories.

They provide excellent heating control for uniform and stable temperatures and offer the best performance.

Air jacketed heating system controlled by reliable and accurate PID microprocessor control system provides highly precise and constant temperatures. Selection of temperature and time parameters are via the microprocessor control system, which includes a highly visible dual digital display for temperature and time.

As a necessity of dry heat sterilization, the user is warned if the temperature is out of sterilization conditions in case of power failure by means of the preset alarm limits.

The inner chamber is made of stainless steel which has high resistance to most of the chemicals and it is easy to clean the chamber is easy as it has smooth surfaces.

The triple insulation consisting of glass wool, aluminum layer and air gap guarantees efficient heating. By means of the triple insulation, the energy consumption and outer body temperature are decreased as well.

Although the microprocessor control system has many safety features, an independent safety thermostat takes over the control in case of any failure.

The door, pressing firmly and tightly on the chamber gasket, reduces temperature loss and optimizes the power consumption.

All models are equipped with an adjustable outlet port for vapour exhaustion.



## TECHNICAL SPECIFICATIONS

	FN 032	FN 055	FN 120
Temperature Range		Ambient temp. +5°C / 250°C	
Temperature Sensor		Fe-Const	
Control System		Programmable Microprocessor PID	
Temperature Variation @ 150°C		± 2	
Temperature Fluctuation		± 1	
Timer		1 min. - 99.9 hours + Hold Position	
Delayed Start Timer		1 min. - 99.9 hours	
Useful Volume, liters	32	55	120
No. of Shelves (standard/max.)	2/6	2/7	2/10
Safety Thermostat		Gas expansion thermostat (50°C - 300°C)	
Power Consumption	700 W	1400 W	1600 W
Power Supply		230 V, 50/60 Hz.	
Internal Material		Stainless Steel	
External Material		Epoxy-polyester powder coated steel	
Internal Dimensions (WxDxH) mm	330x300x330	410x390x440	500x500x480
External Dimensions (WxDxH) mm	560x480x680	645x550x715	730x660x850
Packing Dimensions (WxDxH) mm	650x590x890	740x640x900	830x760x1050
Net/Packed Weight, kg.	36/42	45/52	62/72

### ACCESSORIES

- K 23 049 Shelf carrier (FN 032)
- K 23 048 Shelf carrier (FN 055)
- K 23 040 Shelf carrier (FN 120)
- R 01 133 S.S. Shelf for FN 032
- R 01 127 S.S. Shelf for FN 055
- R 01 131 S.S. Shelf for FN 120

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



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ISO 9001: 2008  
ISO 13485: 2003



We reserve the right to modify the design and description

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