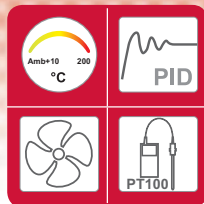




Large Capacity Oven

Offer volume from 400 to 1000L to meet the demand in high capacity application

Temperature range : Ambient +10°C to 200°C



Standard features

- 304 stainless steel interior
- Over temperature cut-out
- Castors
- Two adjustable shelves

Option

- Additional shelves
- Air exchange system
- Cable entry port
- Timer
- Electronic chart recorder
- Programmable controller (4 or 16 temperature profile)



Specification	FI 407U	FI 727U	FI 1007U
Chamber capacity (L)	407	727	1007
Exterior dimension (mm) W x D x H	1120 x 700 x 1160	1140 x 800 x 1540	1140 x 800 x 1900
Interior dimension (mm) W x D x H	980 x 500 x 740	1000 x 600 x 1140	1000 x 600 x 1500
Number of shelves (max.)	7	10	12
Net weight (kg)	148	198	230
Nominal power (W)	4500	6000	6000

Other Froilabo products



Incubator



Ultralow Freezer



Centrifuge



ICH Chamber



Temperature Forcing System

Froilabo

Froilabo SAS

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Distributor information

AIR CONCEPT




OVEN

FORCED AIR CONVECTION

Froilabo

SINCE 1918
LYON, FRANCE

EXCELLENT TEMPERATURE UNIFORMITY

1  **PID controller**
Fast and precise temperature control

2 **Over heat protection**
Additional independent protection

3 **304 stainless steel interior**
Durable and easy cleaning

4 **Non-tipping 304 stainless steel shelves**
Heavy duty, prevent fall over of sample perforated, enhance better air flow

5 **Epoxy paint exterior**
Provides maximum durability

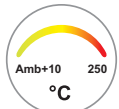
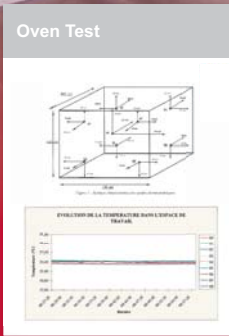
6 **Silicone gasket**
Durable and easy cleaning

7 **Standard service access port**
Ready for insert probe / sensor / socket

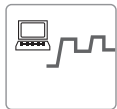
8 **Digital display**
Down to 0.1°C display



Optional GMP/GLP/ISO Certificate
Independent validation certificate is available for accreditation of the temperature uniformity



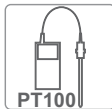
Full temperature range
Temperature range from amb +10°C to 250°C



Programmable temperature cycles
Programmable up to 8 temperature levels per cycle



Forced air convection
Rapid heating



PT100 probe
Provide accurate temperature measurement



Stackable design
Units can be easily stacked



Forced Air Oven

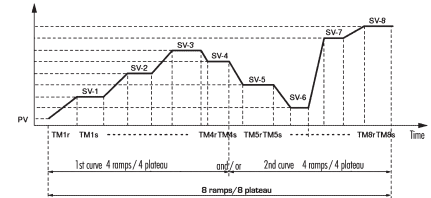
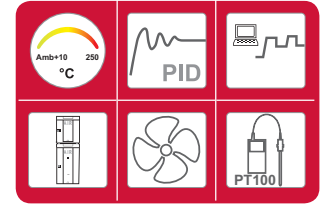
Designed to meet the quality laboratories requirement and rapid drying or sterilization in most laboratories.

Temperature range : Ambient +10°C to 250°C

Fast temperature ramping and stability
PID control with powerful fan ensures rapid and precise temperature control.

Excellent temperature uniformity
Temperature uniformity is $\pm 0.5^\circ\text{C}$ at 70°C and $\pm 1.2^\circ\text{C}$ at 105°C , to fulfill the requirements of even the most stringent protocol parameters.

Programmable controller
Provides 3 different cycles up to 8 temperature, with adjustable ramp rate.






3 different cycles up to 8 temperatures

Options and accessories

- Additional Pt 100 Ohms probe
- Circular chart recorder
- Electronic chart recorder
- Key locking door
- Validation certificate
- Adjustable air exchange system
- Programmable controller (16 temperature profile)
- Additional cable entry port
- Door with viewing window
- Additional shelves
- Stackable kit
- Castors



Specification			
	AC 60	AC 120	AC 240
Temperature range (°C)	Amb. +10 - 250		
Temperature uniformity ($\pm^\circ\text{C}$) at 70°C at 105°C	< 0.5 < 1.2		
Temperature stability ($\pm^\circ\text{C}$) at 150°C at 250°C	< 0.2 < 0.4		
Display resolution (°C)	0.1	0.1	0.1
Heating up time to 70°C (min)	4	6	5
Recovery time after door open for 60 sec. @ 70°C (min)	1	2	1
Max. air exchange rate (x internal volume / hr)	50	35	35
Exterior dimension (mm) W x D x H	522 x 540 x 640	622 x 640 x 740	622 x 640 x 1236
Interior dimension (mm) W x D x H	400 x 370 x 390	500 x 470 x 500	500 x 470 x 980
Chamber capacity (L)	58	117	230
Number of shelves standard supplied total support ribs available Dimension (mm)	2 21 380 x 320	2 29 480 x 430	2 62 480 x 430
Maximum load by shelf/ total (kg)	20 / 50	20 / 70	20 / 90
Net weight (kg)	39	53	79
Nominal voltage (V / Hz)	230 / 50		
Nominal power (W)	1000	1000	2000