

# XSV OVENS up to 450°C



XSV High-temperature ovens are used for drying, vulcanization, curing of surface layers, granulates drying, burning-in of electrical components and preheating of various materials before additional processing.

## A robust construction.

External sheets made of steel coated with red and black paintings. Stainless steel interior. Long life. Control panel on the right side. Perfect insulation with mineral fiber : reduced energy consumption, low surface temperatures.

## An efficient heating.

Heating is ensured by heating elements located on the lateral sides. Rapid temperature rise.

## An accurate and reliable temperature control.

PID electronic controller : 30 programs with 15 steps each ones. Temperature is measured through a thermocouple type K probe.

## A high performance ventilation.

650L and 1000L models : fan located at the backside. 1500L and higher models : fan located on the top. Ventilation is horizontal : air is blown from the lateral backside on the whole height. Flaps allow to adjust air flow. The ovens have an Ø 100 mm air inlet and outlet with manually adjustable flaps.



## Easy and secure opening.

650L and 1000L models : simple door opens to the left ; locking by adjustable clamps. 1500L and higher models : a double leaf door with a central door lock bar.

## Safe use.

Ventilation and heating stop at door opening. The oven is equipped with an electronic safety thermostat that cuts off heating in case of overheating and to indicate it with a default indicator. The fan is protected by a circuit breaker. A default indicator indicates an incorrect connection of the oven.

[www.france-etuves.com](http://www.france-etuves.com)

# XSV RANGE

## HIGH-TEMPERATURE OVENS

## TECHNICAL DATA

	XSV0650	XSV1000	XSV1500	XSV3300	XSV4000	XSV4500	XSV6000	XSV8000
<b>SIZES</b>								
Working volume (L)	650	1000	1500	3300	4190	4560	6000	8000
Internal width (mm)	1000	1000	1000	1100	1200	2000	2000	2000
Internal depth (mm)	800	800	800	1500	1600	1900	2000	2000
Internal height (mm)	800	1200	1800	2000	2000	1200	1500	2000
External width* (mm)	1700	1700	1800	2000	2100	2900	2850	2850
External depth* (mm)	1400	1400	2100	2850	2950	3200	3700	3700
External height* (mm)	1350	1750	2400	2500	2500	1700	2000	2500
Weight, empty (kg)	480	650	750	1400	1550	1600	1750	1900
Number of door(s)	1	1	2	2	2	2	2	2
<b>PERFORMANCES</b>								
Temperature range (°C)	Ambient temperature + 20°C up to 450°C							
Total ventilation rate (m <sup>3</sup> /h)	500	700	1000	2000	2000	2000	3000	3000
<b>ELECTRICAL DATA</b>								
Heating power (kW)	8	12	30	42	55	60	85	105
Electrical supply	400V ~3P + N, 50Hz							
Amperage connection (A)	20	25	60	80	100	125	160	200
<b>LOADING SHELVES</b>								
Number of shelf delivered / max weight. (kg)	1 / 45	1 / 45	-	-	-	-	-	-
Maximum load in the oven (kg)	150	200	350	800	1200	2000	2000	2000

\* Some options may change oven's sizes

## ACCESSORIES



1 Data logger with 2 channels



2 Portable paperless graphic recorder  
4 or 6 channels



3 Thermocouple K sensor

### 1 Data logger with 2 channels

Saves the temperatures measured by 2 mobile sensors.

### Software for data logger with 2 channels

Can set data logger and retrieve stored data.

### 2 Portable paperless graphic recorder

Full color screen display. Real monitoring of temperature changes. With USB and RJ45 plugs, and 4 or 6 connectors for mobile sensors.

### 3 Thermocouple K with connector

Accessory for recorders.

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