XKL FURNACE up to 1200°C

FRANCE ETUVES

The laboratory furnace XKL15 is suitable for high temperature treatment applications : burning, degassing, pre-heating, hardening, tempering, annealing of metals, stabilization, tests...

A robust and compact construction.

The outer casing is made of stainless steel.
The inner casing is made of ceramic fiber.
Control panels at the bottom part of the furnace to minimise the size.
Perfect insulation asbestos free : reduced energy consumption, low surface temperatures.

An efficient heating.

The heating elements surround the inner casing to ensure homogenous heating. No-wear switching : a solid state relay is used to control the heating elements. Rapid temperature rise.

Easy loading !

Manual door opening downwards.

Exhaust air

A 20 mm diameter outlet is at the rear of the furnace.

Safe use.

The alarm integrated inside the controller has an adjustable deviation limit, giving a class 3.1 protection. The micro switch at door edge cuts off heating.

An accurate and reliable temperature control.

PID electronic controller. Digital display of temperature set and that measured. Adjustable heating-up ramp. Heat indicator. Temperature sensor is a S thermocouple.
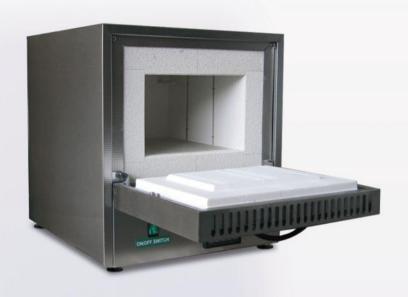
Feet

Height adjustable.

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XKL RANGE
LABORATORY FURNACE

TECHNICAL DATA

	XKL15
Working volume (L)	15
SIZES	
Internal width (mm)	250
Internal depth (mm)	340
Internal height (mm)	170
External width* (mm)	450
External depth* (mm)	615
External height* (mm)	465
Weight, empty (kg)	48
Number of door(s)	1
PERFORMANCES	
Temperature range (°C)	up to 1200°C
Temperature fluctuation (+/- °C)	< 1
ELECTRICAL DATA	
Heating power (W)	3500
Electrical supply	230V ~1P 50/60Hz

* Some options may change the sizes of the furnace

OPTIONS / ACCESSORIES

1 Digital weekly program timer

2 Temperature profiler

1 Data logger with 2 channels

2 Portable paperless graphic recorder 4 or 6 channels

3 Thermocouple K probe

1 Digital weekly program timer
Set times of operation of the oven for each day of the week.

2 Temperature profiler
4 programs with 16 segments each.
Ideal if you need to heat at different temperatures during your process or provide progressive temperature drops.

1 Data logger with 2 channels
Saves the temperatures measured by two 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 probe with plug
Accessory for recorders.

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