

RELIABILITY, EFFICIENCY, PERFORMANCE



www.france-etuves.com

XFP

VACUUM OVEN up to 1mbar (0.01mbar in option)

XFP VACUUM OVENS XFP up to 200°C/300°C and 1mbar/0.01mbar(optional)

XFP vacuum ovens are suitable for easily oxidizable products drying applications, solvent outgassing, quick drying of powders and granulates... It is also suitable for simulating outer space environment (vacuum, thermal radiation).

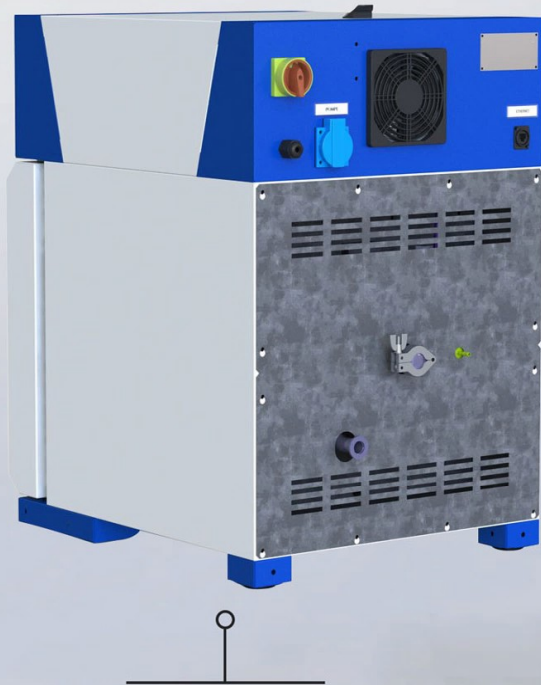
One device, complete management!

The ovens are controlled by a 7" color touch screen controller. Very intuitive and easy to use.

Automatic control and real-time monitoring of temperature measured and vacuum level.

Several modes of vacuum regulation are possible (maximum vacuum level of the pump; maintaining a constant pressure,...)

Patented technology realizes temperature control of tray and wall
Patented automatic safe temperature following protection.

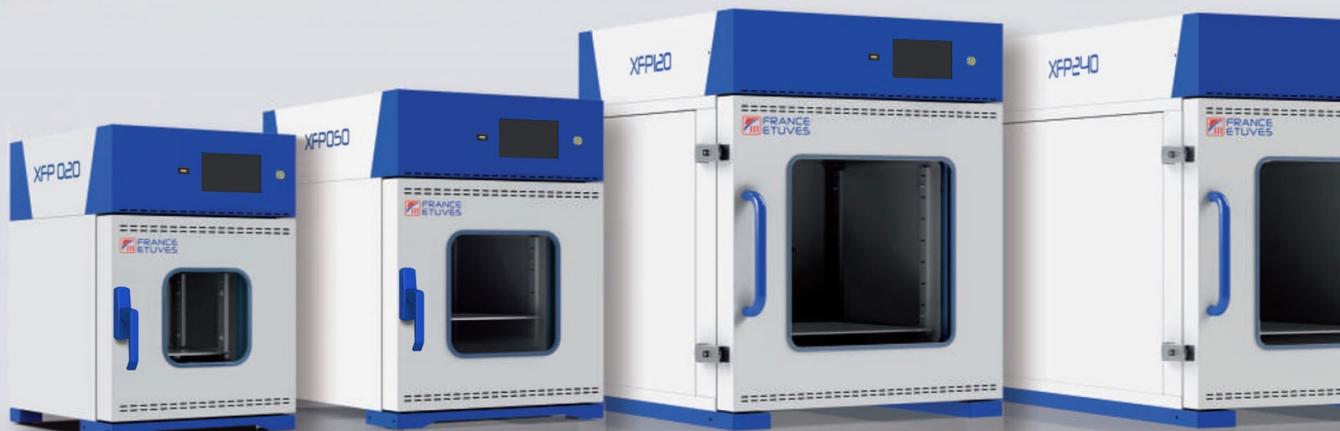


Protection european standard class 3.1, visual and audible alarm; It cuts heating and it supports the temperature control in case of failures.



Subframe for Pump

It can support the oven, at the same time can reduce the pump noise, and reduce the ground oil scale in the laboratory.



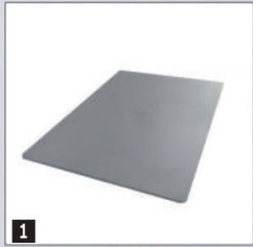
XFP020

XFP050

XFP120

XFP240

OPTIONS



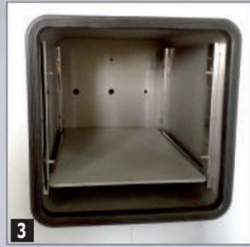
1

Heating tray



2

0.01mbar



3

Door gasket made of Viton

ACCESSORIES



1

Aluminium tray with guide bars



2

Diaphragm pump



3

Single stage pump



4

Two-stage pump



5

Portable paperless recorder with graphical screen



6

Probe shutter



7

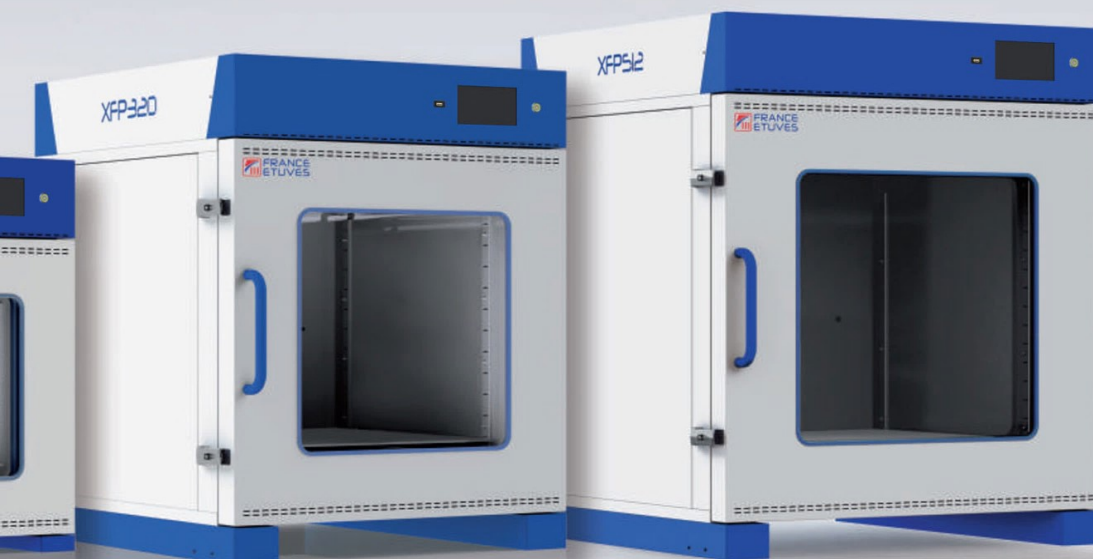
Subframe for Pump



8

Thermocouple J probe

- 1 Heating tray:**
Temperature extension max. 300°C
- 2 Vacuum range 0.01mbar:**
The ultimate vacuum value can reach 0.01mbar
- 3 Door gasket made of Viton:**
Support higher temperature
- 1 Aluminium tray with guide bars:**
Max distributed loading 30kg
- 2 Diaphragm pump:**
Suitable for more water products
- 3 Single stage pump:**
The ultimate pressure of the pump can reach 1mbar
- 4 Two-stage pump:**
The ultimate pressure of the pump can reach 0.01mbar
- 5 Portable paperless recorder with graphical screen:**
Color graphical display for real monitoring of temperature changes, with USB and RJ45 plugs, and 4 connectors for mobile sensors.
- 6 Probe shutter:**
To be placed in the DN16 entry port to insert up to 4 probes
- 7 Subframe for Pump:**
With directional moving pulley, storage of the vacuum pump inside (not applicable above XFP320)
- 8 Thermocouple J probe:**
Length of 2m, with plug, to be placed in entry port DN16



XFP320

XFP512

TECHNICAL DATA

| | XFP020 | XFP050 | XFP120 | XFP240 | XFP320 | XFP512 |
|--|---|----------------|----------------|----------------|----------------|---------|
| Working volume(L) | 20 | 50 | 110 | 220 | 316 | 512 |
| SIZES | | | | | | |
| Internal width(mm) | 250 | 320 | 470 | 470 | 650 | 800 |
| Internal depth(mm) | 320 | 500 | 500 | 1000 | 750 | 800 |
| Internal height(mm) | 250 | 320 | 470 | 470 | 650 | 800 |
| External width*(mm) | 480 | 550 | 815 | 815 | 995 | 1145 |
| External depth*(mm) | 745 | 875 | 885 | 1385 | 1165 | 1215 |
| External height*(mm) | 740 | 810 | 1020 | 1020 | 1250 | 1400 |
| Weight, empty(kg) | 70 | 92 | 185 | 255 | 355 | 440 |
| PERFORMANCES | | | | | | |
| Temperature range(°C) | Ambiant +10°C up to 200°C(300°C optional) | | | | | |
| Temperature fluctuation(+/-°C) | ≤0.2 | | | | | |
| Vacuum range(mbar) | up to 1mbar(0.01mbar in option) | | | | | |
| Sensor type | Pressure sensor | | | | | |
| Vacuum control accuracy(%) | +/-2 | | | | | |
| Pumping connector | DN16 KF | DN16 KF | DN16 KF | DN16 KF | DN25 KF | DN25 KF |
| Vacuum breaking connection | Nipple-Hose Φ6 | Nipple-Hose Φ6 | Nipple-Hose Φ7 | Nipple-Hose Φ7 | DN16 KF | DN16 KF |
| ELECTRICAL DATA | | | | | | |
| Heating power(W) | 800 | 1200 | 2400 | 3600 | 6000 | 9000 |
| Electrical supply | 230V~1P 50Hz | | | | 400V~3P+N 50Hz | |
| Amperage connection(A) | 16A | 16A | 16A | 20A | 16A | 20A |
| LOADING TRAYS | | | | | | |
| Quantity | 1/5 | 1/7 | 1/13 | 1/13 | 1/17 | 1/23 |
| Shelf mesh size(mm) | 224*280 | 294*460 | 444*460 | 444*960 | 624*710 | 772*760 |
| Max. weight on a tray/max. In the oven(kg) | 30/60 | 30/60 | 30/90 | 30/90 | 30/120 | 30/200 |

*Some options may change the oven' s sizes
 **According to the characteristics of the associated vacuum pump.

www.france-etuves.com



Foshan Fasaitu Temperature Control Equipment Co., LTD

NO.13, SanJin Road, Cangjiang Industrial Park, Haitian Road,
 Gaoming District, Foshan city, Guangdong Province, China.
 Telephone: 0757-89930698