PUREX 1500i DIGITAL FUME EXTRACTOR

TECHNICAL SPECIFICATION

Dimensions (W x D x H)	725 x 726 x 1400 mm
Weight	150 kg
Inlet / Outlet	Ø150mm
Airflow	1500 m³/h
Power Consumption	120 V, 3.45 kW 230 V, 2.95 kW
Frequency	50/60 Hz
Mobility	Heavy Duty Castors
Filter Replacement Indicator	Pre-Filter and Main Filter
Filter Specifications	
EN 60335-2-69, class H	99.997%
EN 1822-1	HEPA 13
Pre-filter "cartridge"	Pleated Bag Filter
Sound Level Data	
At Distance of 1m	60 dB (A)

DESCRIPTION

Purex digital units give the user a full overview of the performance of their extraction unit. The readout located on the front panel of the machine shows the status of the filter, the airflow and the temperature the unit is operating at. This advanced information allows the operator to pre-emptively source and stock filters in order to keep production downtime to a minimum.

This high end unit features an airflow of 1500 m3/hr, produced by a highly efficient 3.45 kW motor. This unit is ideal for use with multiple soldering stations, or single large scale laser cutting/scoring machines. Filters can be supplied for processes that produce large volumes of chemical fumes, such as when lasering acrylics.

The speed of the unit is fully controllable through the digital interface. The unit will also maintain an even flow automatically. As the filter blocks, the system will adjust to combat the saturation level.

Constructed from precision made stainless steel. Heavy duty castors allow for the unit to be repositioned to locations around the workshop.

FILTER OPTIONS

HEPA/Twin Chemical	110614
HEPA/Twin Chemical (Cleanroom)	110632
Chemical	110610
HEPA	110619
F8/F9 Labyrinth Pre Filter	111099

FEATURES

- Clear and informative graphic display
- Highest grade HEPA and carbon technology
- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Gas and particle sensors to warn the operator
- Adjustable airflow

INTERFACING

- Interfacing can remotely start the Purex machine when the connected machine starts.
- Interfacing can also warn the connected machine when the Purex machine is in alarm.

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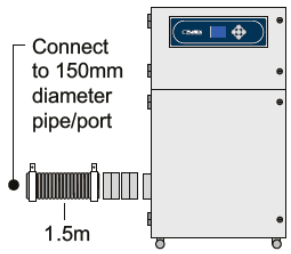
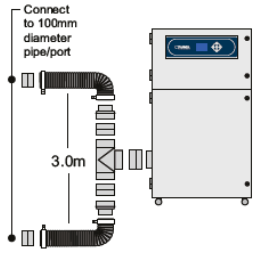
CONNECTION KITS

Hose End Diameter	Hose Length	Purex Inlet Diameter

Code: 120280 | 150mm | 1.5m | 150mm



Code: 120287 | 100mm | 3m | 150mm



315mm | 3m | 150mm

Large Extraction Arm

Our 2m long extration arm with its triple axis can be used in a variety of applications. The flexibility of the arm allows it to be manoeuvred for all the difficult areas. The arm has a 160mm diameter to reduce restriction and has a large hood of 315mm at the inlet.

Code: 840197 - Extraction arm
Code: 840198 - Mounting bracket
Code: 840199 - 150mm Connection flange
Code: 120280 - 150mm Hose kit

If you do not see a connection kit that fits your machine or pipework, please contact us.

UNIT SUPPLIED WITH

- 1 x Main Filter
- 1 x Pre Filter
- 1 x 4.5 m Fixed Power Cable (no plug)
- 1 x Manual

INCLUDED AS STANDARD

- HEPA/Chemical Filter (110615)
- F6 Labyrinth Pre Filter (111037)