

DPX3100 – Fume Extraction System

Whether you are using a CO₂, Fibre or UV laser coding system for the coding requirements in your production, installing fume extraction is essential for maintaining optimal operating conditions.

The compact **DPX3100** is a perfect fit for light to medium duty laser coding applications, filtering fume and dust particles to help maintain a dust-free operating area and continued marking quality.

Captures particulates, fumes and gasses from the lasering process

Using a **DPX3100** extraction system on your production line helps to enhance product performance and operational equipment effectiveness (OEE) of your Domino laser coder:

- ◆ Contaminants invisible to the human eye are filtered from the workplace environment.
- ◆ Your equipment is protected for a longer lifetime and more reliable performance.



The **DPX3100** – your extraction of choice

- ◆ Helps to maintain high code quality throughout production runs by keeping the laser lens clean.
- ◆ Simple to control via the intuitive interface.
- ◆ Intelligent self-monitoring and diagnosis function; the status is shown in the display and alarms alert to any issues.
- ◆ Monitors each filter's performance independently and identifies when and which filter needs replacement.
- ◆ Automatic air flow control keeps the set airflow independent of filter filling.

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Premium filter system

The **DPX3100** filter system is designed for reliable performance and high uptime. A three stage filtration process offers a high level of protection. Filter levels are individually monitored and you are alerted when a filter needs replacing.

Premium box pre-filter cassette is easy to change



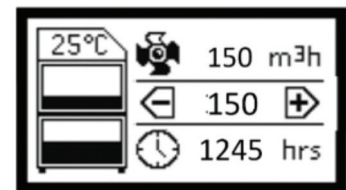
Main (HEPA) filter pressure is continuously monitored ensuring safe operation and particle filtering



Intelligent operation

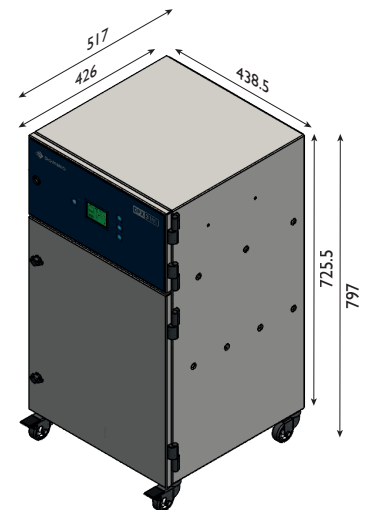
The easy to use interface gives real-time information about the system status.

- ◆ Self monitoring and diagnosis of filter status, airflow, temperature and motor enable the system to alert you to issues before they become downtime.
- ◆ Benefit from worry-free consumable ordering plus fixed consumable prices using Domino's **SafeSupply** service.
- ◆ **SafeGuard** packages provide extended warranty, high-quality, on-site assistance and AR-enabled remote guidance from our engineers.



Technical specification **DPX3100**

Airflow (maximum)	275m³/h
Power supply	Multi voltage 100-230V +/- 10% AC single phase
Hose	Hose kit 4m included
Sound rating	<65 dBA at 150m³/h no hose
Operating temperature	5 - 45°C
Operating humidity	max 80% at 31°C max 50% at 40°C
Production rates	up to 15 000 codes/hour
Certification	CE, REACH & RoHS (including China), UKCA, UL, CB (Indian, Chinese)
Cabinet and control	
Cabinet dimensions	H 797mm, W 438.5mm, D 517mm
Cabinet weight	49.6kg without filters; 54.5kg including filters
Cabinet construction	Stainless steel
Ingress protection	IP44
Monitoring systems	Filter: monitors pressure and blockage levels of each filter independently Temperature: thermal event detection and prevention
Graphical user interface (GUI)	Easy-to-use with internationally recognised icons; at a glance system status and alerts
Filters	
Pre filters	F8 deep pleat box filter
Main filter	Standard HEPA + Carbon



TALK TO AN EXPERT

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