

DPX3500 – Fume Extraction System

Whether you are using a CO₂, Fibre or UV scribing laser system for the coding requirements in your production, installing fume extraction is essential for maintaining optimal operating conditions. Using a **DPX3500** on your production line helps to maintain a dust-free operating area that protects manufacturing equipment, maximises uptime and continued high code quality.

For better product performance

The **DPX3500** effectively filters fume and particulate debris from laser coding processes to enhance product performance and operational equipment effectiveness (OEE):

- ◆ Contaminants invisible to the human eye are filtered from the workplace environment.
- ◆ Your equipment is protected for a longer lifetime and more reliable performance.
- ◆ **DPX3500** helps to maintain high code quality throughout production runs by keeping the laser lens clean.



- ◆ **DPX3500** supports volumes up to 80 000 products per hour on heavy-duty, high-speed, 24/7 production lines.
- ◆ Premium pleated filters come in a robust metal construction and are easy to exchange.
- ◆ A three stage filtration process offers a high level of protection for your coding equipment.

The **DPX3500** – your extraction of choice

- ◆ Easy to use, intelligent operating system with at a glance status information.
- ◆ Monitors each filter's performance independently and identifies when and which filter needs replacement.
- ◆ Maximises uptime through quick diagnosis and pre-warning when action is required.
- ◆ Provides data communication capability (USB).

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Premium filter system

The **DPX3500** filter system is designed for reliable performance and high uptime. Constant monitoring of temperature, pressure and correct installation ensure you are alerted to issues before they become downtime.



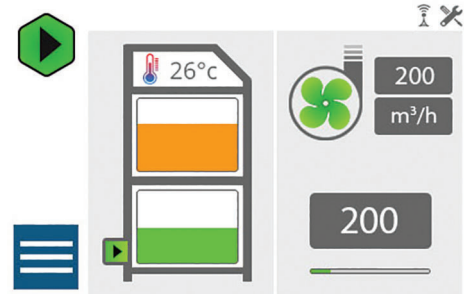
Premium pre-filter with filter bag tray for easy filter change

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

Intelligent operation

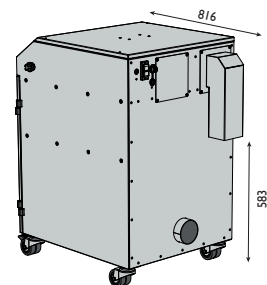
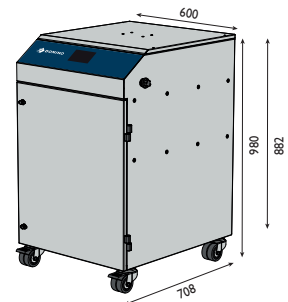
The easy to use interface gives real-time information about the system status.

- ◆ Independent filter monitoring of each filter with quick diagnosis of faults or alarms maximises uptime.
- ◆ 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 DPX3500

Airflow (maximum)	400m ³ /h
Power supply	Multi voltage 100-240V +/- 10% AC single phase
Hose	Various hoses available to match application requirements
Sound rating	61 dBA at 200m ³ /h
Connectivity	Download/upload via USB
Operating temperature	5 - 45°C
Operating humidity	max 80% at 31°C max 50% at 40°C
Production rates	up to 80 000 codes/hour
Certification	UKCA, CE, UL
Cabinet and control	
Cabinet dimensions	H 882mm, W 600mm, D 708mm
Cabinet weight	72.6kg without filters; 112kg including filters
Cabinet construction	Stainless steel
Ingress protection	IP56
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 touch display with internationally recognised icons; at a glance system status and alerts
Filters	
Pre filters	Choice of Class EN779 filters: F6 bag pleated filter with removable tray for easy exchange, F8 deep pleat box filter
Main filter	HEPA H14EN 1822



TALK TO AN EXPERT

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