



Oilmaster

Oilmaster Intelligent Oil Mist Filtration

Clean Air. Reliable Performance. Proven Technology.

The Oilmaster series is designed for the efficient removal of oil and emulsion mist produced during metal cutting, grinding, and machining processes. By combining intelligent flow control with a robust three-stage filtration system, Oilmaster ensures a clean, safe, and sustainable production environment even under demanding industrial conditions.

Tailor-Made for Every Application

Each Oilmaster system is engineered to meet your specific airflow and pressure requirements. Whether installed on a single CNC machine or as part of a centralized extraction line, the system guarantees optimal performance with minimal service effort.

Standard performance range: From 1,000 m³/h up to 20,000 m³/h. For higher demands, multiple filter chambers can be configured in parallel.

Advanced 3-Stage Filtration

1. Pre-Filter (Aluminium Mesh)

Captures coarse particles and forms droplets for early separation. Up to 30% of the mist is removed before reaching the main filters, increasing service life.

2. Bag Filter (Agglomeration Stage)

Aerosols merge into droplets and drain continuously. Self-regenerating filter design ensures consistent performance and low operating costs.

3. Fine Filter (High-Efficiency Membrane)

Removes the finest aerosols, achieving emission levels below 5 mg/m³. Clean air can safely be recirculated into the workspace.

Drained oil or emulsion can be recovered through a drain valve or optional automatic pump system.

'The Oilmaster is characterised by its long service life and low maintenance.'



Dutch product



Robust steel construction



Long lifespan



Rugged Construction
Designed for Safety

- Heavy-duty steel housing
- Spark-protected design
- Fully welded, leak-tight construction
- Precise flow regulation with integrated VFD
- Configurable for combustible emulsions and MQL applications
- Optional temperature monitoring with automatic shut-off

Each system is individually balanced for optimum airflow and pressure stability, ensuring long-term reliability and protection of your production environment.

Your Key Advantages

- High separation efficiency below emission limits
- Low maintenance effort
- Washable aluminium pre-filter

- Filter life up to 12 months (depending on process)
- Protects machines, electronics and building interiors
- Improves product quality and workplace safety
- Extends machine lifetime
- Custom-engineered for your process
- Optional automatic pump kit with 200 L drum connection
- Temperature monitoring for safety shutdown

Focus on Productivity
We Take Care of the Air

Oilmaster systems are built for uninterrupted production. With minimal maintenance, maximum separation efficiency and proven industrial durability, Oilmaster lets you concentrate on what truly matters, your business.

Type	Airflow Range (m³/h)	Negative pressure (Pa)	Inlet diameter (mm)	Motor power (kW)	Supply voltage (V/~/Hz)*	Noise level (dB(A))**	Dimensions L x W x H (mm)	Weight (kg)***
Oilmaster 30	1.500 - 3.000	2.200	250	3	400 / 3 / 50	75	1.350 x 1.250 x 2.150	350
Oilmaster 60	3.000 - 6.000	2.200	350	5,5	400 / 3 / 50	75	1.600 x 1.350 x 2.300	490
Oilmaster 120	6.000 - 12.000	2.200	500	15	400 / 3 / 50	75	2.450 x 1.850 x 2.600	1.030
Oilmaster 160	12.000 - 16.000	2.200	560	18,5	400 / 3 / 50	75	3.280 x 1.950 x 2.750	1.175
Oilmaster 200	16.000 - 20.000	2.200	630	22	400 / 3 / 50	75	4.250 x 2.020 x 2.900	1.725

*Other supply voltages available upon request. **Under free-field conditions at a distance of 1 m. ***Empty Weight
- Custom designs available upon request.