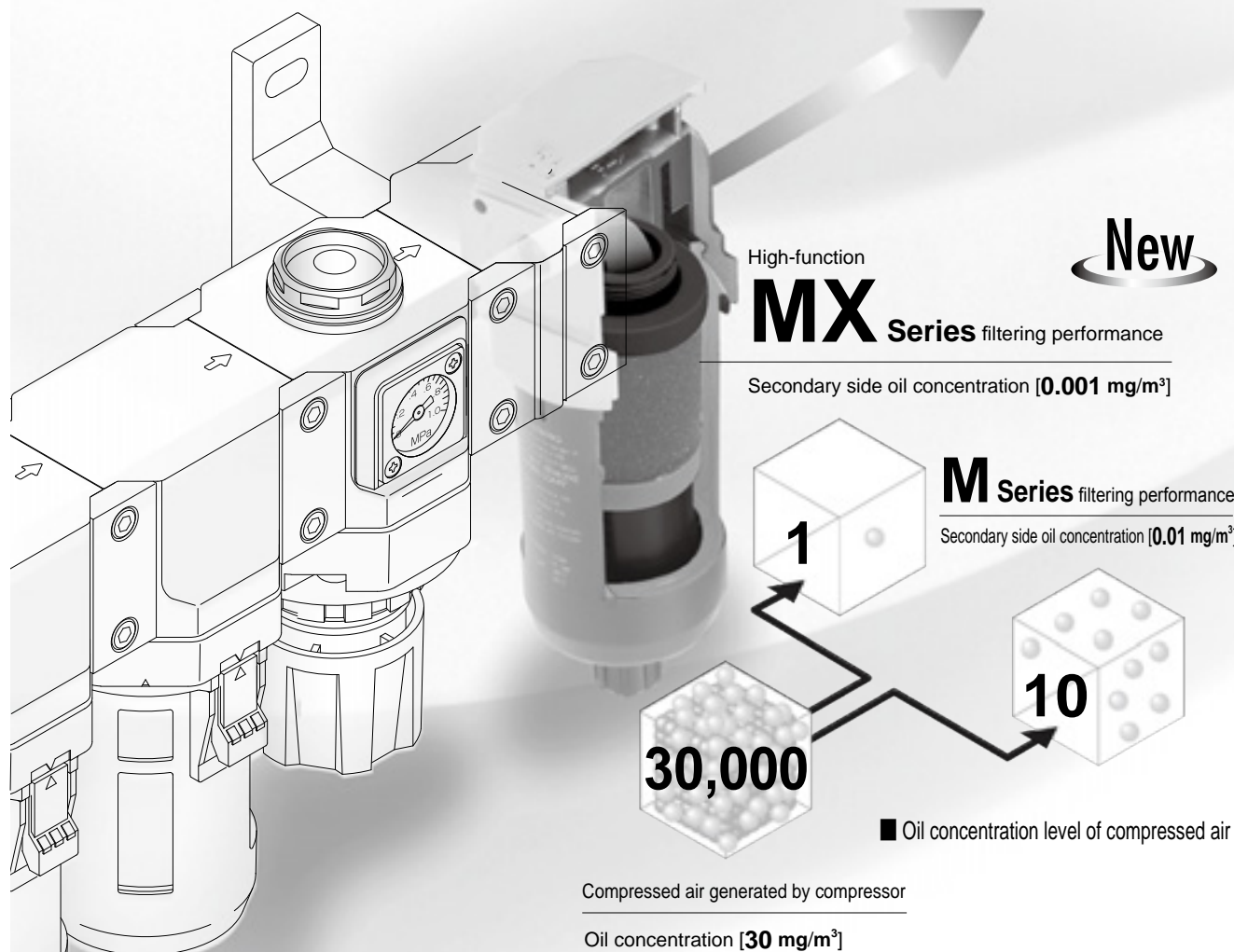


High-performance with x10 oil removal.

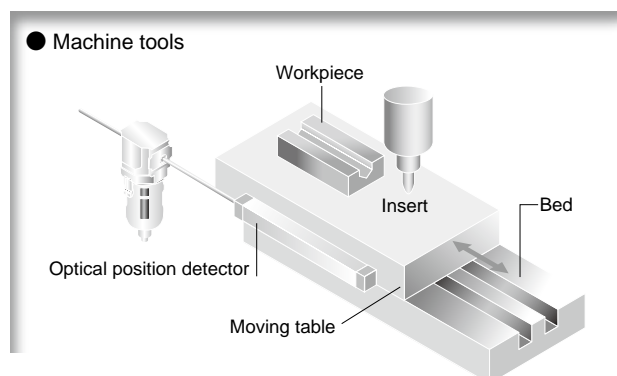
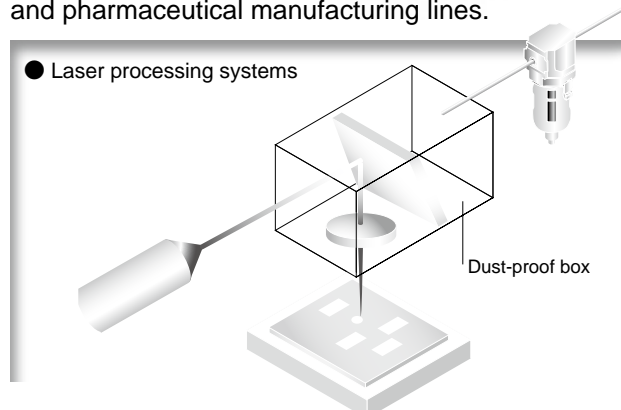
Highly efficient oil removing mantle removes oil up to a secondary oil concentration 0.001 mg/m^3 .

MX Series high-performance oil mist filter with x10 (compared to oil mist filter M Series) oil removal.



Further expanding high-purity oil-free air applications

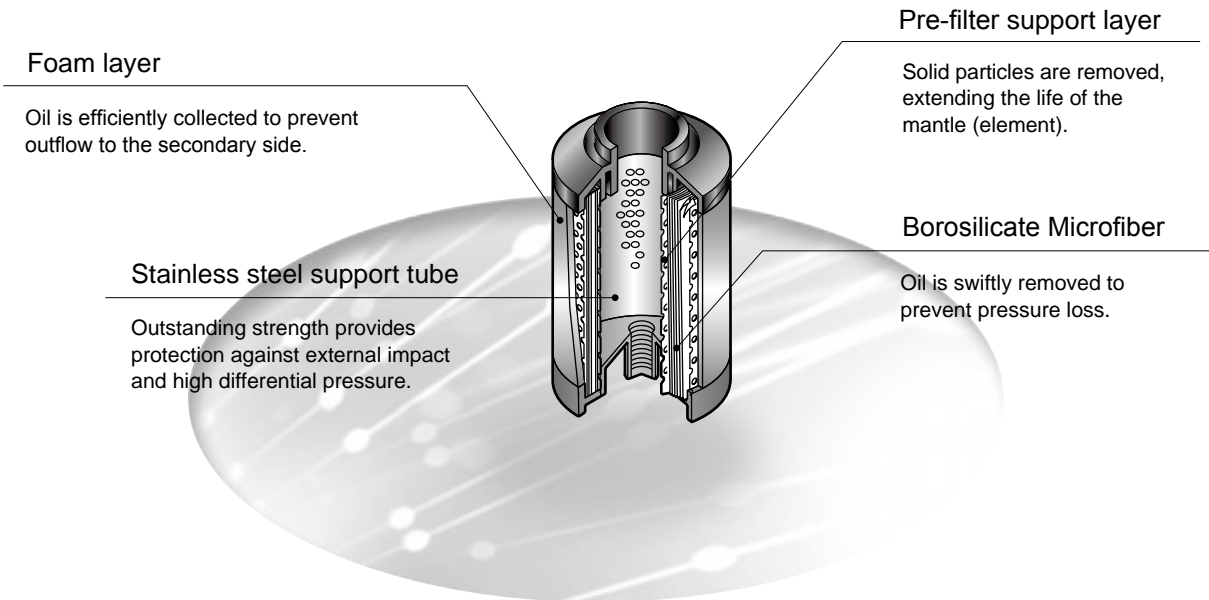
This series is ideal for applications requiring high-purity oil-free air, including laser processing systems, optical positioning units, and foodstuff and pharmaceutical manufacturing lines.



High-performance oil mist filter

MX Series

■ Mantle structural explanation



Secondary oil content

0.001 mg/m³ or less

The highly efficient oil removing mantle removes oil up to the secondary oil concentration of 0.001 mg/m³ at 21°C.

High-precision filtration

Impurities up to 0.01µm are removed.

Long service life/low pressure loss

The gap rate within the mantle (element) fibers is high at 94%, suppressing pressure loss and extending life.

Enabling module connection

Systems can be configured with module connections in the same way as the conventional filter F Series and oil mist filter M Series.

Extensive models





Five types -- MX1000, 3000, 4000, 6000 and 8000 -- are used to match the flow.

Suitable for clean rooms

The P70 Series is available.
(3000, 4000 and 6000 Series are available)

High-performance oil mist filter

MX Series variation

High-performance oil mist filter		Filtration μm	Secondary side oil concentration mg/m ³ (21°C)	Processing flow rate ℓ/min					Operating ambient temperature range °C
				1000 Series	3000 Series	4000 Series	6000 Series	8000 Series	
MX Series variation									
		0.01	0.001 or less	75	180	370	670	1490	5 to 60
M Series	M Type 	0.01	0.01 or less	150	360	825	1270	2600	5 to 60
	S Type 	0.3	0.5 or less	150	450	1000	1400	2900	5 to 60
	X Type 	Adsorption of activated carbon	0.003 or less	150	450	1000	1400	2900	5 to 30

⚠ Read Safety Precautions to ensure correct, safe product use.

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain Separ
Mech Press SW
Res press exh valve
SlowStart
Anti-bac/Bac- remove Filtr
Film Resist FR
Oil-ProhR
Med Press FR
No Cu/ PTFE FRL
Outdrs FRL
Adapter Joiner Press Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PresCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRISens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending