



SEMICONDUCTOR



PHOTOVOLTAIC



LED



CHEMICAL INDUSTRY



DYNOX™

THE ECO-FRIENDLY OXIDATION

For reliable and cost effective
gas abatement – save > 90% energy costs



The Dynox™ developed and manufactured by EBARA Precision Machinery Europe in Germany, is the most cost effective solution for pyrophoric gas abatement. Very low energy needed.

BENEFITS

- High Uptime
- Developed and produced in Germany
- Excellent Cost of Ownership ratio
- Eco-friendly without water usage
- Extremely low maintenance
- High safety level



Technical Data		Technical Data	
Size (WxLxH) in mm	640 x 600 x 1,1810	Oxidation	Via cyclone in the reactor
Weight in kg	156	Compressed air quality	Quality Grade 3 ref. Pneurop 6611
Inlet connection	4x KF40	Compressed air supply	4-8 bar 310 l/min
Outlet connection	1x ISO-K160	Residual dust	< 5µm
Oxidation air	2x Inlet Connection DN 100 in the casing	Pressure dew point	+ 2 °C
Gas temperature	≤ 55 °C	Residual oil	< 1 mg/m ³
Exhaust connection	- 750 Pa 1,300 m ³ /h	Degree of protection	IP 54 Intended use Oxidation of silane-containing waste gases
Power	220 W	Options	<ul style="list-style-type: none"> ▪ Blower-/filter-unit ▪ 3/2 way valves ▪ Back-up operation
Phase number/ Voltage/Frequency	1~ 230 V 50 Hz		

All data without guarantee.

APPLICATIONS FOR DYNOX™

Semiconductor processes

Flows of pyrophoric gases

Thin films

**For further information, technical data or drawings
please contact  components@ebara-pm.eu**

www.ebara-pm.eu/dynox

EBARA is a worldwide leading global manufacturer of vacuum and semiconductor systems used in the production of wafers, liquid crystals, solar cells and other products requiring advanced technology.

EBARA supports



United Nations
Global Compact

EBARA Precision Machinery Europe (EPME) is part of the Japanese EBARA Group and employs more than 200 people in Europe. The portfolio includes dry and turbo molecular vacuum pumps as well as gas abatement systems. In addition, EPME sells state-of-the-art CMP tools, wafer bevel polishing and substrate coating systems. In Europe, EPME has a central warehouse and two overhaul centres for vacuum pumps.

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