



SEMICONDUCTOR



PHOTOVOLTAIC



LED



CHEMICAL INDUSTRY



DYNOX™

THE ECO-FRIENDLY OXIDATION

For reliable and cost effective
gas abatement



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	
Size (WxLxH) in mm	640 x 600 x 1,1810
Weight in kg	156
Inlet connection	4x KF40
Outlet connection	1x ISO-K160
Oxidation air	2x Inlet Connection DN 100 in the casing
Outlet gas temperature	≤ 55 °C
Exhaust connection	- 750 Pa 1,300 m³/h
Power	220 W
Phase number/ Voltage/Frequency	1~ 230 V 50 Hz

Technical Data	
Oxidation	Via cyclone in the reactor
Compressed air quality	Quality Grade 3 ref. Pneurop 6611
Compressed air supply	4-8 bar 310 l/min
Residual dust	< 5µm
Pressure dew point	+ 2 °C
Residual oil	< 1 mg/m³
Degree of protection	IP 54 Intended use Oxidation of silane-containing waste gases
Options	▪ Blower-/filter-unit ▪ 3/2 way valves ▪ Back-up operation

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@ebarapm.eu**

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



EBARA Precision Machinery Europe (EPME) is part of the Japanese EBARA Group and employs approximately 170 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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