



SEMICONDUCTOR



DYNOX™ FEAT. TEOS FULLY OXIDIZED TEOS

**Saving costs today,
saving headaches tomorrow.**

The Dynox™ developed and manufactured by EBARA Precision Machinery Europe in Germany, is the most cost effective solution for pyrophoric gas abatement. With the integrated TEOS solution, oxidize pyrophoric gas compounds in exhaust gases from the semiconductor.

BENEFITS

- No extra washer or burner
- React highly flammable and pyrophoric gases.
- TEOS will be fully oxidized
- Electrical heaters provide reaction temperature
- Lower explosive limit
- Eco-friendly without water or extra gas usage
- Minimum dilution
- High safety level
- Developed and produced in Germany



Technical Data	
Size (WxLxH) in mm	640 x 600 x 1,1810
Weight in kg	200
Inlet connection	2x KF40
Outlet connection	1x ISO-K160
Oxidation air	2x Inlet Connection DN 100 in the casing
Outlet gas temperature	20 - 100 °C
Exhaust connection	- 750 Pa 1,300 m³/h
Power	2500 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
N2 supplyt	4-8 bar 310 l/min (only for purge)
Degree of protection	IP53 Intended use oxidation of TEOS containing waste gas
Options	▪ Blower-/filter-unit way valves ▪ Back-up operation

All data without guarantee.

APPLICATIONS FOR DYNOX™ SMART

LP-CVD-TEOS

SA-CVD-TEOS

For further information, technical data or drawings please contact  marketing@ebar-pm.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 230 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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