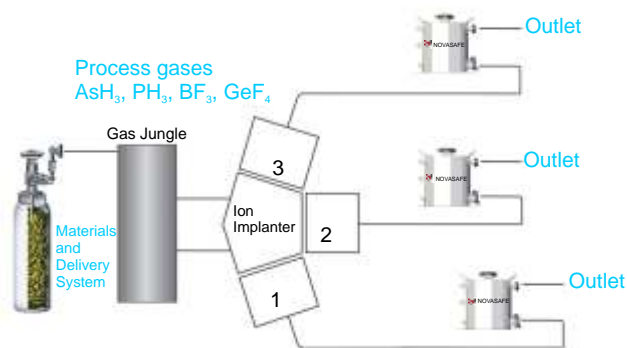




NOVASAFE® Dry Bed Abatement Technology



Applications

- Ion Implant
- Vent Gas
- Lab Instruments
- Doped Epitaxy Bypass

Advantages

- Chemisorption of all hazardous species
- Each canister connected to one pump
- Continuous passive operation
- In-situ controlled air oxidation of process by-products and spent granulate
- Low operating cost
- Process selectable granulate mix

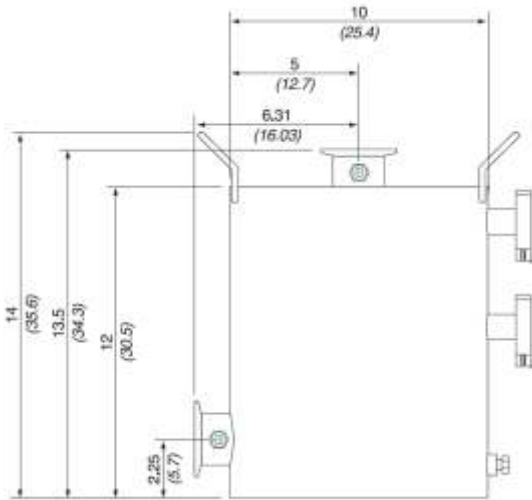
NOVASAFE combines high efficiency and high capacity in a compact, in-situ solution providing compliance with the Zero Impact Processing Initiative.

NOVASAFE is a passive abatement solution for ion implant, vent gas applications and Lab instruments. As a zero footprint scrubber, the NOVASAFE can be integrated with ion implant tools for Zero Impact Processing compliance.

Effluents are abated with the NOVASAFE to sub-TLV levels from roughing pumps and cryopumps. There are no moving parts. Change-outs are accomplished easily and have minimal impact on operations. With its compact and low impact design, the NOVASAFE is the ultimate uptime abatement solution.



NOVASAFE[®] Specifications



PERFORMANCE

- Granulate Capacity 3-Gallon canister
- Pressure Drop 0.5" W.C. (13 mm W.C.)⁽¹⁾
- Max Pump Flow Sustained 280 lpm (10cfm)

FACILITIES

- Inlet Connection KF-50
- Outlet Connection KF-50
- Draw -2" w.c.
CDA 50 sccm at 90 psig
Air Oxidation Port 1/4" compression fitting
Toxic Gas Monitor Port 1/4" compression fitting
Pressure Monitor Port 1/4" compression fitting
- Clearance
From each connection 6"
- Overall Dimensions 14H x 10W x 12.6D in
(356 x 254 x 320 mm)
- Weight 30lbs (13.6 kg)

OPTIONS AND ACCESSORIES

- Air oxidation port
- Toxic gas monitor port
- Pressure monitor port

⁽¹⁾ Process dependent