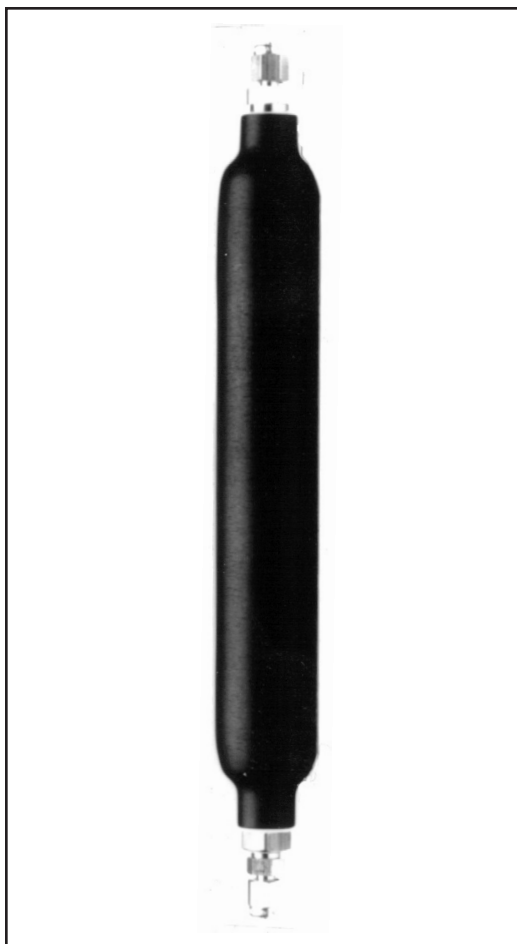


Series 6300 Oxygen Traps



These Series 6300 oxygen traps contain a highly active, metal-containing, inert supported reagent filled into a one-piece aluminum container. The trap is capable of reducing the oxygen content of a gas stream down to 99.99998% of its original concentration. Each unit is filled under a heated flow of ultra high purity helium to eliminate the need for extensive purging prior to GC or GC/MS operation.

The Series 6300 units are ideal for use with hydrogen and inert carrier gases commonly used with TC and FID gas chromatographs as well as argon-methane mixtures used with electron capture gas chromatographs. The all metal housing virtually eliminates contamination and resultant signal noise that often occur with traps constructed of other materials. These units can also be used to treat carbon monoxide, carbon dioxide, alkanes, alkenes, aliphatic hydrocarbon gases and low boiling point aromatics, like benzene and toluene.

6300 Features

- Reduces Oxygen Levels to Less than 15 ppb
- Scrubbing Agent Sphere Size Optimized to Achieve Maximum Surface Area and Capacity to Provide Twice the Surface Area and Capacity of "Look-Alike" Units
- Filter Design and Aspect Ratio Prevents Channeling and Promotes Even Flow and Efficient Scrubbing
- Inlet and Outlet Fitted with 40 Micron Stainless Steel Frits
- All Metal Construction
- Bed Material Treated with Ultra High Purity Helium

6300 Specifications

Operating Pressure	250 PSIG
Oxygen Removal Capacity	
6300	630 mg
6350	2300 mg
Dimensions	
6300	1.25" O.D. x 11.25" long
6350	2 3/8" O.D. x 17" long

Gas traps should be mounted in a vertical position to ensure proper contact of the gas with the adsorbent. Use model 6200C mounting clip with 6300 Series oxygen trap.



6200C Mounting Clip

How to Order:

Model Number	Connections
6300-2*	1/8" tubing compression
6300-4*	1/4" tubing compression
6350-8*	1/2" tubing compression
6200C	mounting clip
8050C	mounting clip for 6350

*Available with stainless steel compression fittings - add "SS" to part number