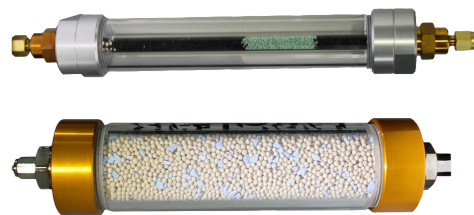


580 SERIES GAS TRAPS



The 580 Series Gas Traps use a catalyst to remove specific contaminants such as moisture, hydrocarbons, or oxygen that may threaten applications where the gas must be clean and moisture-free. In analytical applications, the use of gas traps and purifiers ensures that clean gas is delivered to sensitive laboratory instruments, permitting consistent and reliable results. To optimize contamination removal, gas traps should be installed in the vertical position to prevent channeling. Additionally, they should be replaced or refilled before they become fully saturated.



5801608 and 5801805 shown

Typical Applications

- Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES)
- Gas Chromatography and Mass Spectrometry
- Gas-Phase Reference/Calibration Standards
- Fourier Transform Infrared spectroscopy (FTR)

Features

Variety of Configurations protect gas delivery systems across a range of analytical applications

Indicating Oxygen Traps changes color to alert user when adsorption capacity is depleted

Moisture Traps with Refillable Filters provide economical and effective gas purification

Ordering Information

Part No.	Description	Max Operating Pressure
580 1602	Disposable oxygen trap with aluminum housing, 1/8" compression tube fittings, 13X mole sieve catalyst, 135ml removal capacity (at normal flow rate), and 212°F (100°C) max operating temperature	125 PSIG (8 BAR)
580 1604	Disposable oxygen trap with aluminum housing, 1/4" compression tube fittings, 3X mole sieve catalyst, 135ml removal capacity (at normal flow rate), and 212°F (100°C) max operating temperature	125 PSIG (8 BAR)
580 1608	Indicating oxygen trap (purifier) with glass housing, 1/8" compression tube fittings, activated metal catalyst, 40ml removal capacity, and 212°F (100°C) max operating temperature	100 PSIG (7 BAR)
580 1609	Indicating oxygen (purifier) with glass housing, 1/4" compression tube fittings, activated metal catalyst, 40ml removal capacity, and 212°F (100°C) max operating temperature	100 PSIG (7 BAR)
580 1800	One refill with 13X mole sieve catalyst, for 580 1807 and 1808 moisture traps	N/A
580 1805	Moisture trap with cast acrylic housing, 1/8" compression tube fittings, 13X mole sieve catalyst, removal capacity 29g of water from an air stream @ 1atm, 10% RH and 68°F (20°C), and 100°F (37.7°C) max operating temperature	120 PSIG (8.3 BAR)
580 1806	Moisture trap with cast acrylic housing, 1/4" compression tube fittings, 13X mole sieve catalyst, removal capacity 29g of water from an air stream @ 1atm, 10% RH and 68°F (20°C), and 100°F (37.7°C) max operating temperature	120 PSIG (8.3 BAR)
580 1807	Moisture trap with cast acrylic housing, 1/8" compression tube fittings, 13X mole sieve catalyst, removal capacity 29g of water from an air stream @ 1atm, 10% RH and 68°F (20°C), and 100°F (37.7°C) max operating temperature	120 PSIG (8.3 BAR)
580 1808	Moisture trap for high purity gas systems with cast acrylic housing, 1/8" compression tube fittings, 13X mole sieve catalyst, and removal capacity 29g of water from an air stream @ 1atm, 10% RH and 68°F (20°C), and 100°F (37.7°C) max operating temperature	120 PSIG (8.3 BAR)
580 1903	Hydrocarbon trap with cast acrylic housing, 1/8" compression tube fittings, activated carbon catalyst, 200cc filtering media, 200ml removal capacity, and 100°F (37.7°C) max operating temperature	120 PSIG (8.3 BAR)
580 1904	Hydrocarbon trap with cast acrylic housing, 1/4" compression tube fittings, activated carbon catalyst, 200cc filtering media, 200ml removal capacity and 100°F (37.7°C) max operating temperature	120 PSIG (8.3 BAR)
580 1906	Hydrocarbon trap with cast acrylic housing, 1/4 in compression tube fittings, 400cc filtering media, 400ml removal capacity, activated carbon catalyst, and 100°F (37.7°C) max operating temperature	120 PSIG (8.3 BAR)