

Analytical Tee-Purge Assemblies

Purge Assemblies

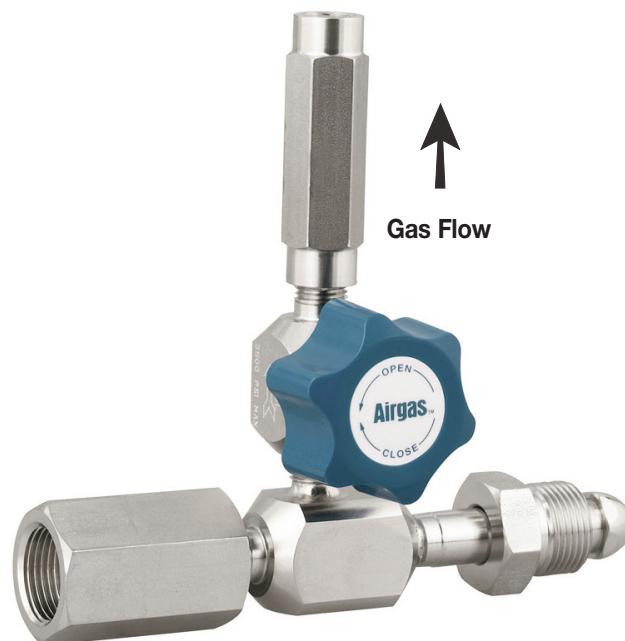
MISCELLANEOUS EQUIPMENT

Description: Contamination cannot be tolerated in any high-purity analytical system. Even low levels of oxygen and moisture from the atmosphere can be extremely troublesome. An often-overlooked source of contamination may occur when changing cylinders. Atmospheric oxygen and moisture enter the regulator when it is disconnected from the cylinder. These contaminants become trapped in the high-pressure portion of the regulator upon connection to another cylinder. If allowed to remain, they are swept into the system. Depending upon the flow rate, these impurities can disrupt the process for days or even weeks.

An analytical tee-purge assembly allows you to easily eliminate trapped impurities and replace them with the desired high-purity gas.

Tee-purge assemblies have been designed for use with high-purity regulators. Installed between the cylinder and the regulator, they enable you to remove contaminants before they enter the process by purging the system (including the regulator), with the process gas.

All models have a multi-turn diaphragm valve and a check valve to prevent backflow of air into the purge line.



Specifications/Materials	
Maximum Rated Inlet Pressure	3,000 psig
Body	Nickel-Plated Brass or Stainless Steel
Weight	2.5 lbs or 3.0 lbs.

Equipment

Ordering Information	
Product Number	Material
Y99-TP1A(CGA)	Brass
Y99-TP4A(CGA)	Stainless Steel