



INSTRUCTIONS FOR THE *Indicating Glass Moisture Trap*

Product Information

This trap is designed for use with GC detectors needing very high purity gases, such as electron capture or Hall electrolytic detectors. The adsorbing materials used are indicating Drierite® and Molecular Sieve 5A, held in a sturdy glass tube. Gas contacts only glass, metal and the adsorbents, for purity. The Drierite® changes color at 5-6% relative humidity to signal leaks in the system; the molecular sieve removes moisture to trace levels. The glass tube is sealed with a special, redundant graphite triple seal to assure against leaks. The adsorbents are contained by a unique spring retaining system to prevent channeling, which allows use of the trap in any orientation. An internal frit at each end prevents particulate contamination. The inner glass tube in the Restek Indicating Glass Moisture Trap is enclosed in a plastic outer tube for added protection. Maximum pressure is 100psig. Dimensions: 1 3/8" x 10 1/4".

Caution: Maximum pressure 100psig. Do not expose outer plastic tube to solvents.

Installation: The Indicating Glass Moisture Trap is delivered filled with helium. It should be purged with the gas you will be using, before operating any instruments. When connecting to a gas line use two wrenches at each coupling. The glass can break if the fittings are tightened by holding the trap while torquing the nut, or using the wrenches on opposite ends of the trap. The end containing the blue indicating Drierite is the inlet.

Regeneration: When the indicating Drierite has turned pink from excess moisture, the trap can be regenerated by heating under inert gas flow. Remove the outer plastic tube by unscrewing the end caps. Attach the inner glass tube, using the molecular sieve end as the inlet, to a source of helium or nitrogen with a flow of 50 to 100cc/min. Heat the tube to 205°C, venting to a hood. The trap is regenerated when the indicating Drierite has changed to its original blue color, about 3 – 4 hours. Cool the trap, cap the fittings, then reassemble into the outer plastic tube and tighten the end caps.

REORDER INFORMATION

Description	Catalog No.
Indicating Glass Moisture Trap, 1/8" fittings	22014
Indicating Glass Moisture Trap, 1/4" fittings	22015



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