

Replacement Chemical Trap

(for Agilent GCs: 5880–cat.# 21158; 5890–cat.# 21610;
6850/6890–cat.# 22820)

Installation Instructions

1. Turn off carrier gas supply lines.
2. Remove the left side panel from the Agilent instrument.
3. Disconnect the existing trap by unscrewing the inlet and outlet lines.
4. Install the replacement trap using the existing plastic fitting and O-ring (Note: the plastic fitting snaps apart and can be reinstalled onto the new trap). Place the chemical trap before the inlet gas flow.
5. If there is an electronic flow sensor (EFS), the tubing on the chemical trap goes to the EFS “out” tube, and the inlet line connects to the chemical trap. If no EFS is present, connect the chemical trap tubing to the mass flow controller and the inlet line tubing to the trap.
6. After installation, turn the gas supply line on and leak-check using the Restek Leak Detector (cat.# 22839). When the system is leak-free, replace the Agilent 5890 side panel.

Reconditioning the Chemical Trap

If the trap becomes contaminated, you can recondition the trap by heating it in a GC or other suitable oven. Turn off the carrier pressure to the Agilent instrument and remove the trap. Attach the 1/8-inch end of the trap to a gas source (nitrogen or helium) using a graphite or Vespel®/graphite ferrule. Establish a purge flow of 60–100mL/min. and set the oven temperature to 300°C. For best results, condition for 8–16 hours.

Restek trademarks: Restek logo

Other trademarks: Vespel (E.I. du Pont de Nemours & Co., Inc.)

***Call Technical Service at 800-356-1688 or 814-353-1300, ext. 4
(or your Restek representative) if you have any questions about
this product or any other Restek product.***



ISO 9001:2000
certified to ISO 9001:2000

#204-08 [010]
Rev: 07/2008

Restek U.S. • 110 Benner Circle • Bellefonte, PA 16823

phone: 814-353-1300 or 800-356-1688 • fax: 814-353-1309 • www.restek.com

Restek France • phone: 33 (0)1 60 78 32 10 • e-mail: restek@restekfrance.fr

Restek Ireland • phone: 44 2890 814576 • e-mail: restekeurope@aol.com

Thames Restek U.K. LTD • phone: 44 1494 563377 • e-mail: sales@thamesrestek.co.uk

Restek GmbH • phone: +49 (0) 6172 2797 0 • e-mail: info@restekgmbh.de