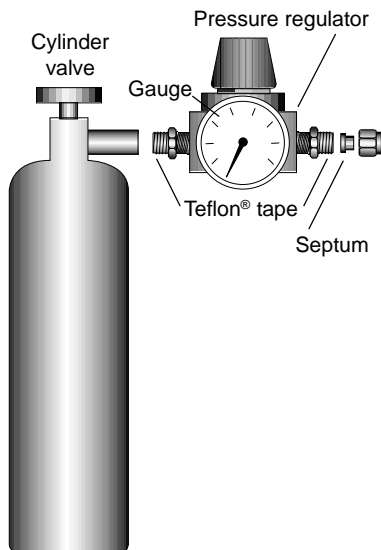


Methane Cylinder Kit

(cat.# 20197, 20199)

1. Remove the allen nut from the cylinder valve outlet. (Make sure the valve is turned off prior to unscrewing the nut.)
2. Tighten the gauge to the top port of the regulator.*
3. Tighten the pressure regulator to the cylinder valve outlet.*
4. Make sure the pressure regulator valve is completely closed (it should be turned counterclockwise as far as possible). Next, open the cylinder valve and turn the regulator to 20psig.
5. Leak-check all connections to make sure they are gas-tight. Alternatively, turn off the cylinder valve and perform a pressure decay test. If the pressure decays within 30 minutes, suspect a leak.
6. Insert a 10 μ L syringe (with a Teflon[®] plunger) through the septum and withdraw 5 μ L of gas.
7. Expel the gas in the syringe until 2 μ L remains. Inject 2 μ L into the GC to check the column dead volume and set the linear velocity of the carrier gas. **Caution:** Syringe needles are prone to plugging when withdrawing gases from a septum seal. If you do not obtain a methane peak, check for a clogged syringe needle.
8. Always turn the cylinder valve off when not in use to prevent a leak from draining the cylinder. Some pressure will remain in the regulator even after the cylinder valve is turned off.



*Make sure the Teflon[®] tape remains intact when tightening or leakage could occur. Replace the tape if it becomes damaged during installation.

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



#203-02 [003]
Rev. date: 4/01

Restek USA: 110 Benner Circle, Bellefonte, PA 16823
phone: (800) 356-1688 or (814) 353-1300 • fax: (814) 353-1309; www.restekcorp.com
Restek GmbH: phone: (49) 06172 2797 0 • email: RESTEK-GMBH@t-online.de
Restek France: phone: (33) 01 60 78 32 10 • email: restekfr@club-internet.fr
Thames Restek UK Ltd.: phone: (44) 01753 624111 • email: Sales@Thamesrestek.co.uk
Thames Restek Scotland Ltd.: phone: 0870 241 1247 • email: Sales@Thamesrestek.co.uk
Restek Ireland: phone: (44)2 890 814 576 • email: dmannusrestek@compuserve.com