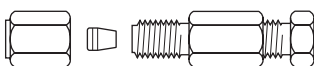


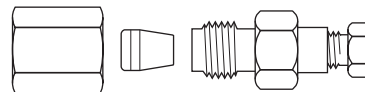
Packed Columns with Swagelok®-type Female Nut

The connection of these columns is similar to that for standard packed columns, but requires a union which adapts the female nut to the Valco fitting.



EZU1

Used with 1/16" column



EZRU21

Used with 1/8" column

Capillary Columns

Connection of these columns requires the use of the ZU1C with the appropriate fused silica adapter. For a .53 mm ID x .8 mm OD column, use the FSR1.8 supplied with the TCD. For other sizes, use this table to determine the proper adapter:

Column size	Adapter required
.32 mm ID x .5 mm OD	FS1R.5
.25 mm ID x .4 mm OD	FS1R.4
< .2 mm ID	FS1R.2



ZU1C with fused silica adapter

Testing for Leaks

It is critical for the system to be leak-tight, and an additional check at this point can save many headaches later on. To test for leaks:

1. Insure that both outlets are capped.
2. Pressurize the entire system with helium to 138 kPa (20 psi).
3. If the system does not hold pressure, check all the fittings with an electronic helium leak detector. DO NOT use leak detecting liquids.

Electrical Connections



Before connecting the detector cable to the control module, make sure that the control module power cord is unplugged.

1. The heater and filament connections from the detector to the rear panel of the controller are made up in one cable. After making sure that the control module power cord is not plugged in, connect this detector cable to the connector on the control module. The cable connector should be firmly seated by turning the coupling ring clockwise until the detent is felt.



For best detector performance, the cable and connector should not be allowed to move while measurements are being made. If the cable is disconnected, exercise care to keep the connecting pins in each connector clean.