

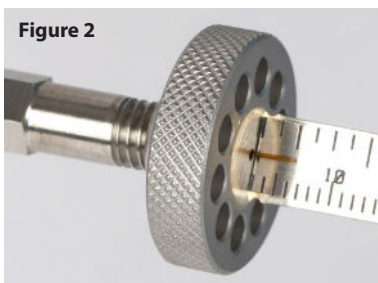
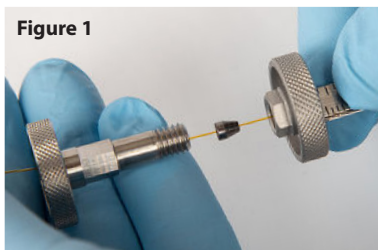
Finger-Tight Capillary Installation Gauge

cat.# 27227, 27228, 27229

Recommended for use with graphite and 60/40 Vespel/graphite ferrules.

Installation Instructions

1. Install a Hot Swap column nut and ferrule on the capillary column. To ensure that no ferrule particles enter the column, carefully trim approximately 2 inches (5 cm) off the end of the column by scoring the tubing using a ceramic scoring wafer (cat.# 20116). Point the end of the column downward when making the break so fused silica fragments do not enter the column. Using a magnifying glass (cat.# 20124), ensure that the end is squarely cut.
2. Slide the column into the installation gauge and loosely thread the column nut onto the fitting. *(Figure 1)*
Do not tighten the nut.
3. Align the column end at the instrument manufacturer's recommended insertion distance on the gauge; then, finger tighten the column nut to seat the ferrule. Tighten the assembly with moderate force to ensure a properly seated ferrule (about $\frac{1}{4}$ to $\frac{1}{2}$ turn). *(Figure 2)*
4. Loosen the Hot Swap column nut and remove the column assembly from the installation gauge. Then, install it into the instrument.
5. Establish carrier gas flow and leak check the fitting with a Restek electronic leak detector (cat.# 28500) to ensure that the ferrule is properly sealed and leak free. If a leak is detected, tighten the fitting an additional $\frac{1}{8}$ th turn until no leak is detected.



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