

Products for Isotope Synthesis and Delivery

- Cheminert and Valco valves to handle a wide range of imaging isotopes
- Bundled tubing for simplified distribution of isotopes from cyclotron to dose splitter to the final warm cell
- Full line of zero dead volume fittings for small diameter tubing, valves, and manifold connections
- Trace gas analyzers to provide onsite monitoring of source gas purity

Cheminert and Valco valves

Our selection of valves for sampling, switching, and stream selection is absolutely unsurpassed, accommodating tubing sizes from 360 micron to 1/4" in a variety of polymers and alloys. Our sampling and switching valves have from 4 to 10 ports, while selectors are available with as many as 26 streams. All are easily automated.



Bundled tubing

This new concept greatly simplifies the installation of tubing from the point of origin to the final prep area. We can wrap as many as sixteen 1/16" tubes and bundle them inside polyolefin shrink wrap so that you only do one run for 16 tubes. Any extra or redundant tubes save time and labor in future replacement and maintenance. Typical use is with color-coded PEEK tubing, but we can also bundle other polymers as well as stainless steel, specialty metals, or any combination.



Cheminert and Valco fittings

We manufacture zero dead volume fittings for metal and polymeric tubing sizes from 360 micron to 1/4", with a full line of nuts, caps, unions, plugs, tees, adapters, manifolds, and couplings.

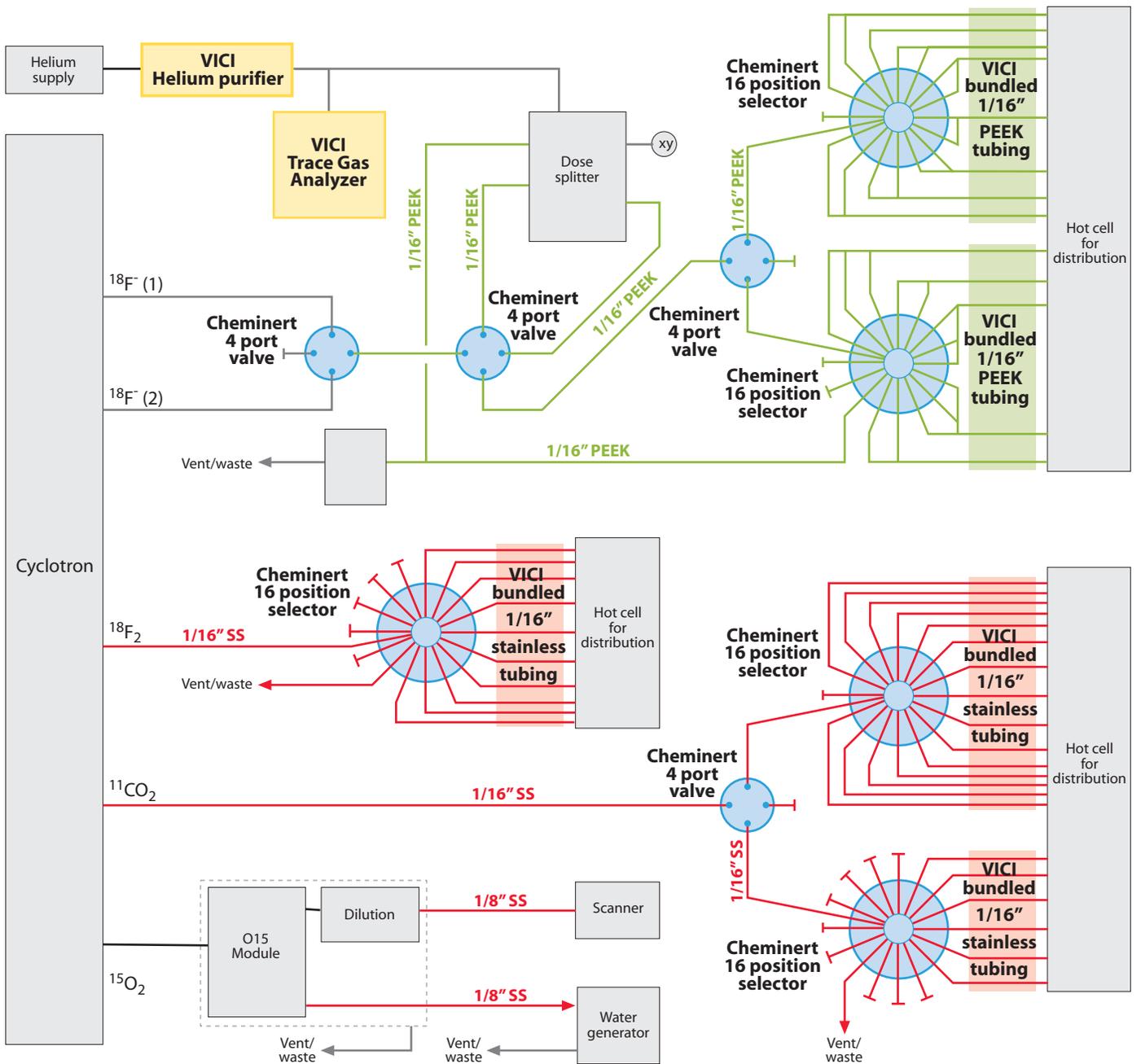


Trace gas analyzer

The integrated trace gas analyzer (iTGA) is designed for automated analysis of low parts per billion impurities in various fixed balance gases. The iTGA can be configured for a single gas matrix or for multiple gases.

Each iTGA is a custom unit, designed for each customer's specific analytical and physical requirements. In addition, all methods and operational procedures are custom-developed for each instrument.





Typical system installation
 Items not supplied by VICI are shaded gray.