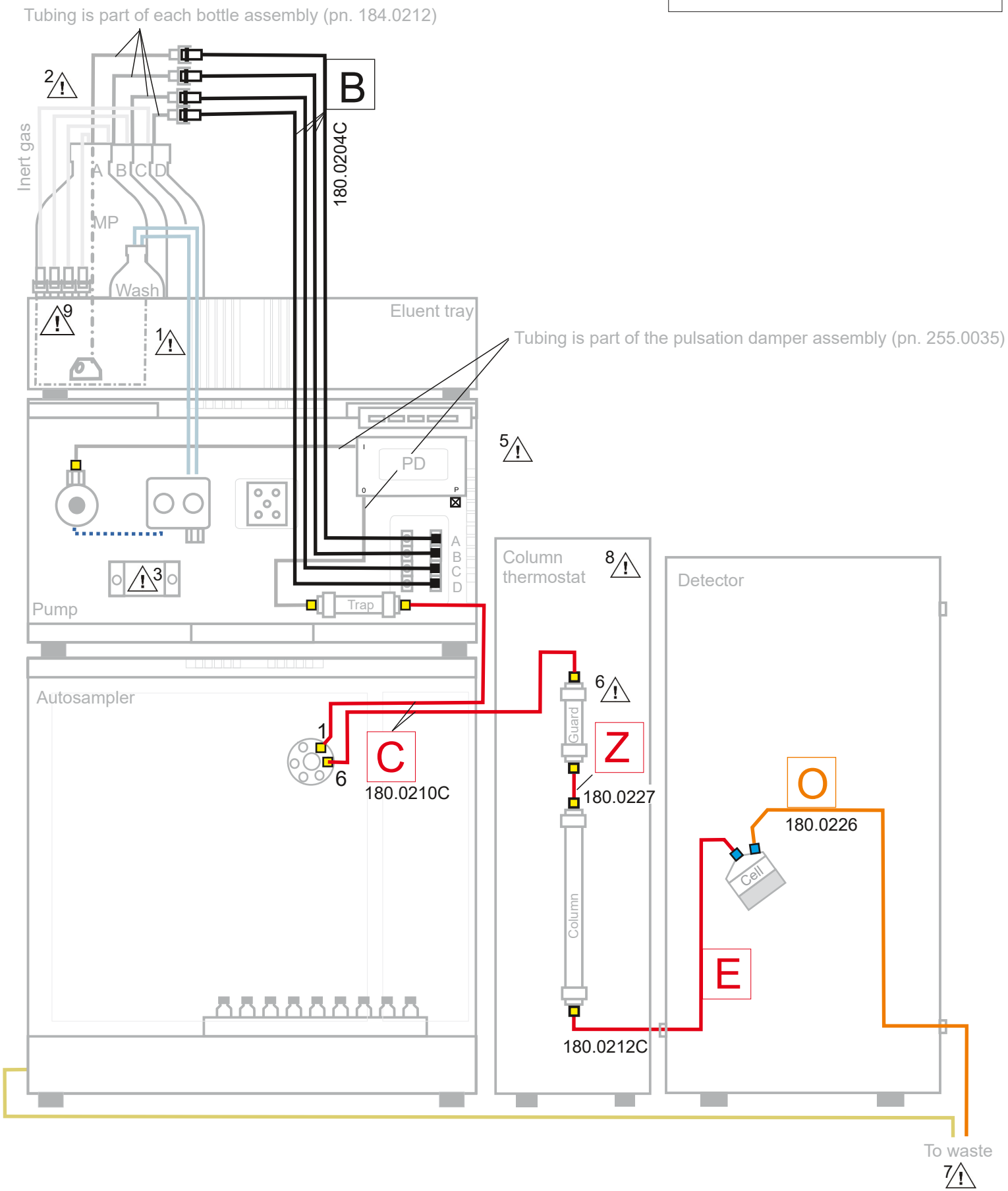
Antec Scientific

On the backside important installation information is provided for the parts marked with a caution sign. Please read these instructions before starting.

Legend of LC tubing connectors

- 250.1550 Ferrule Tefzel, 1/8”, flangeless
  250.1552 Nut PEEK, 1/8”, flangeless, 1/4-28
- 250.1572 Fingertight fitting PEEK, hex,10-32
- 250.1570 Fingertight fitting, PEEK, 10-32
- 250.1571 Fingertight Flex/Sencell, 10-32
- 250.1574 Fingertight plug PEEK 1/16" 10-32
- 250.1576 Fingertight plug PCTFE 1/4"-28



Pn. 180.0155WB ALEXYS LC conn. kit carbohydrates, gradient

LC equipment should be used by trained laboratory personnel only. Use proper eye and skin protection when working with solvents under high pressures. Additional safety requirements or protection may be necessary depending on the chemicals used with this equipment.

IMPORTANT INSTALLATION INFORMATION

Read the LC connection kit install guide (pn. 180.7001W), before installation of the LC connection kit.

1. The piston wash tubing is not part of the LC connection kit, it can be found in the P6.1L accessory kit. Read instructions in manual pn. 194.0010 how to install. Also install the supplied drainage system (funnels, hoses, nozzles) for leak management as described in the user manuals of pump and AS6.1L autosampler.

2. Connect the tubing labeled 'B' to the tubing of the bottle assemblies. Follow the instructions in the ET210 user manual (pn. 192.0010) to purge it with inert gas prior to connecting the gas lines from the bottles. The ET210 user manual contains instructions how to prepare CO_2-free mobile phase.

3. The factory-installed tubing between the pump head and purge valve needs to be disconnected from the mixer and reconfigured to match the drawing. For sake of clarity the rest of the pre-installed internal pump flow path of the P 6.1L quaternary LPG pump is not depicted in this schematics (e.g. tubing connections between degasser, solenoid valve and pump head).

4. All tubing connections in the high pressure part of the LC system are made with PEEK HEX head fingertight fittings (pn. 250.1572). Use the tightening tool (pn. 250.0094) delivered with the kit to tighten the finger tights firmly. It will prevent that the tubing will slip out of the connector when the system is under pressure. Do not use a wrench, because with a wrench one might apply too much force resulting in rupture/damage of the plastic connector.

5. In the case the system is installed together with a post-column kit for carbohydrates (pn. 180.0605), install the post-column pump on top of the pump of the LC system. For specific installation instructions about connecting the post-column flow path, please refer to the documentation provided with the kit.

6. In case an optional guard column is used, connect the guard to the analytical column using pn. 180.0227 precolumn assembly.

7. A 10 Liter waste container (pn. 184.0206) is provided with the LC system. Place the waste container on the floor or other suitable place below the system and guide all marked waste lines into the container. Check regularly if the container is full and empty it when required.

8. In case the optional CT2.1 column thermostat isn't part of the system, then install the columns in the detector oven compartment

9. Replacement filters can be ordered as '*PEEK filter for 1/8" MP inlet, 2um*' (pn. 250.1704). When replacing, push the tubing into the port that is connected to the bottom inlet until it holds. For sake of clarity, only one filter is depicted in the drawing.

Legend LC tubing*:

- FEP 1/8" OD, 1.59 mm ID, transparent
- Stainless Steel 1/32" OD, 0.25 mm ID, with 1/16" ends
- PEEK 1/16" OD, 0.25 mm ID, blue-striped
- PEEK 1/16" OD, 0.13 mm ID, red-striped
- PEEK 1/16" OD, 0.064 mm ID, pink-striped
- Silicone 3 mm OD, 1 mm ID, transparent
- PEEK 1/16" OD, 0.50 mm ID, orange-striped
- Silicone 10 mm OD, 8 mm ID, transparent

*) Note that the color coding of the LC tubing in the drawing does not necessarily reflect the real color of the corresponding tubing.