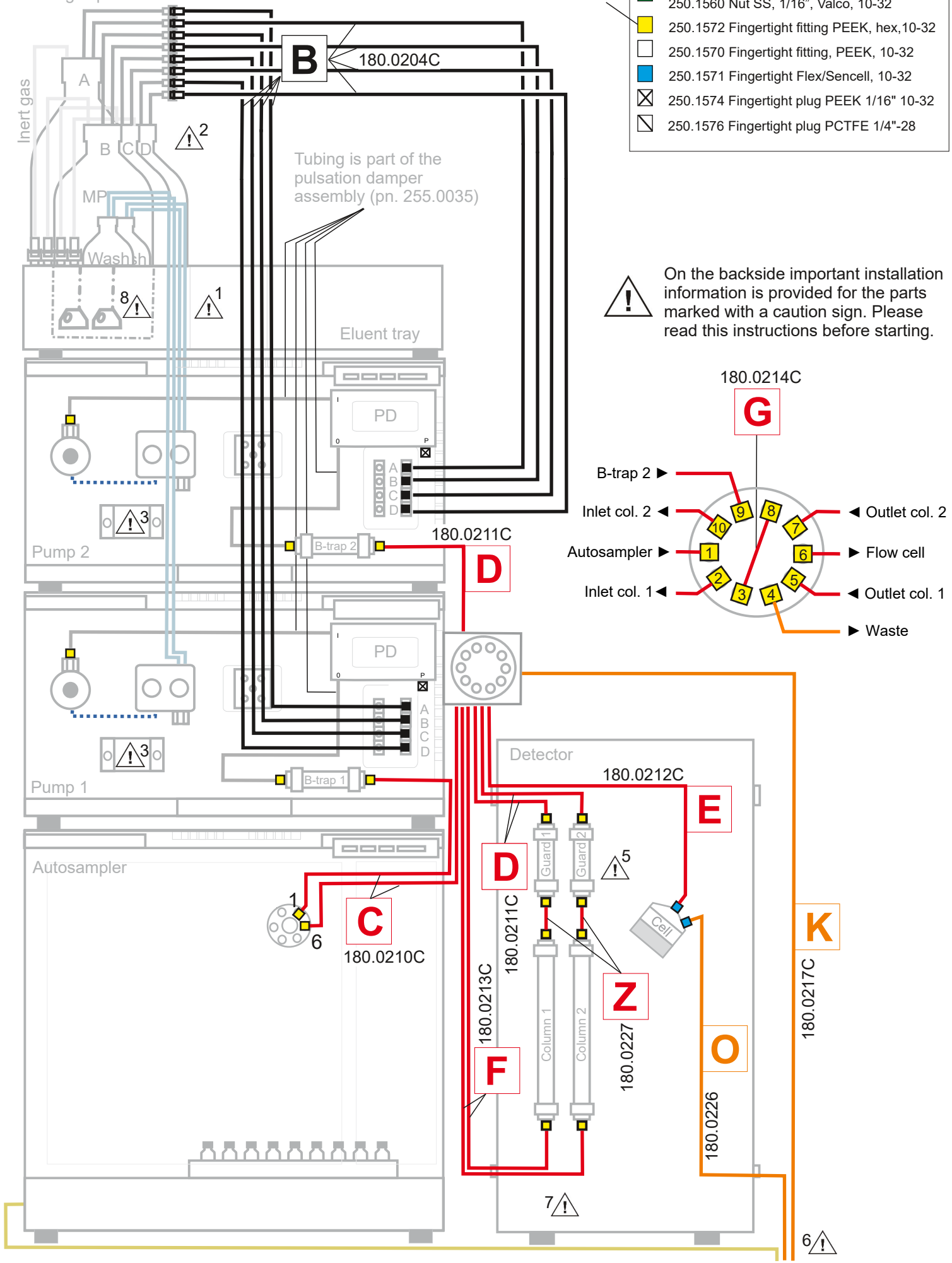
Antec Scientific

Inlet tubing is part of bottle assemblies 184.0214 and 184.0218



LC equipments 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 manual of pump and AS 6.1L 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 the ET210 with inert gas before connecting the gas lines from the bottles to the gas outlet. The ET210 user manual also contains the 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 an optional guard column is used, connect the guard to the analytical column using pn. 180.0227 precolumn assembly (Z).

6. 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.

7. In case the optional CT2.1 column thermostat is part of the system, install only the cell in the detector oven compartment.

8. Replacement mobile phase inlet filters can be ordered as *PEEK filter for 1/8" MP inlet, 2um (pn. 250.1704)* For sake of clarity, only one set of filters is drawn. When replacing, insert the tip of the tubing into the channel that is connected to the bottom inlet and push until the tubing is fixed on the filter.

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 or natural
- 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.