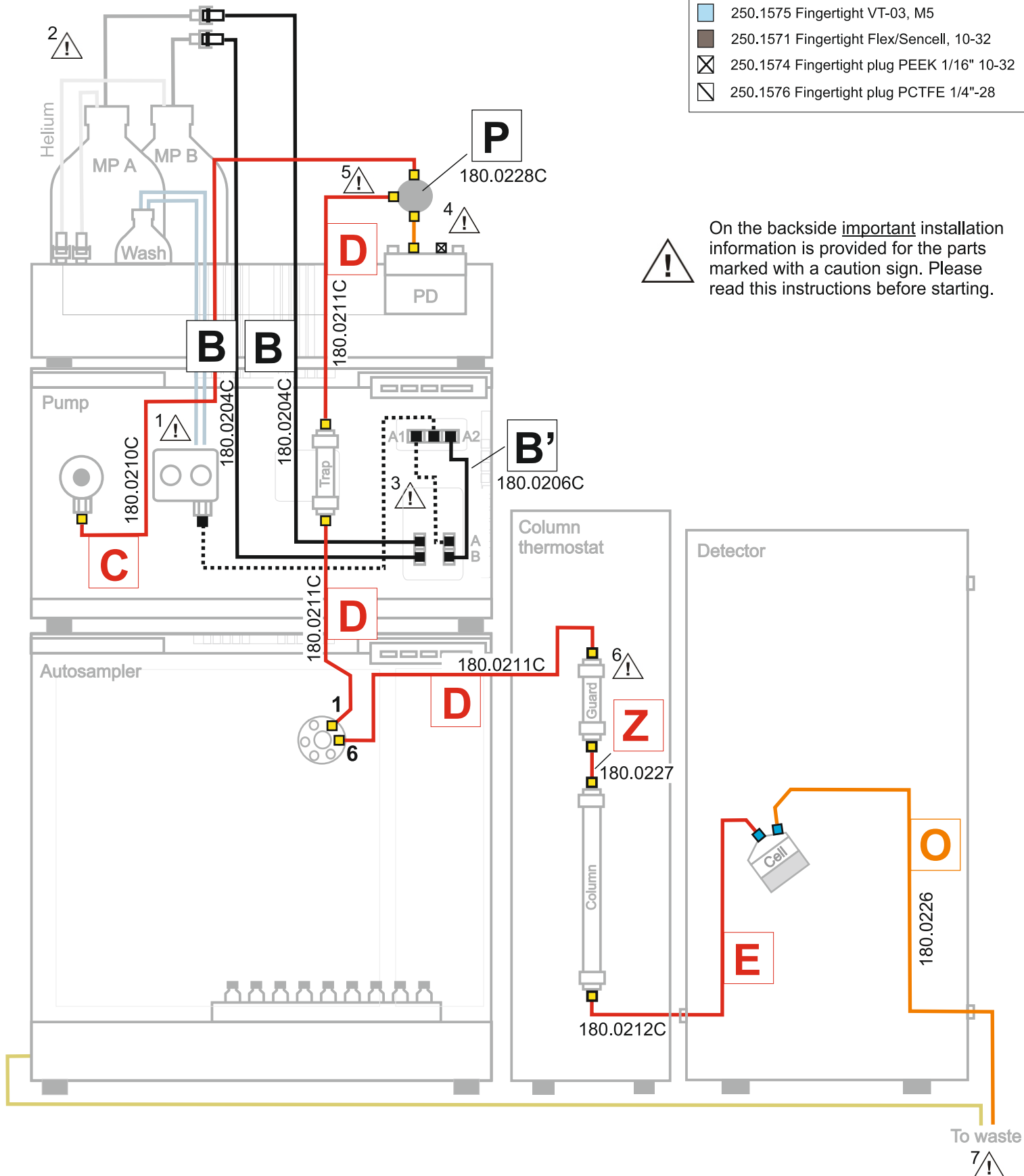


2x 184.0205 (bottle assy not part of this LC kit)





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 shipkit. Read instructions in manual pn 194.0010 how to install. The same applies for the AS 6.1 L waste tubing, it is part of the autosampler ship kit. Also install the supplied drainage system (funnels, hoses, nozzles) for leak management as described in the user manual of pump and autosampler.
2. The bottle assemblies pn 184.0205 consisting of bottle, helium inlet tubing (red 1/8" OD tubing) and mobile phase outlet tubing (transparent 1/8" OD tubing) with inline filter are not part of the kit and delivered separately with your ALEXYS system. Connect the Helium line to one of the gas outlets on the ET 210 eluent tray (pn 192.0050). Connect the mobile phase outlet tubing to the degasser inlet assembly pn 180.0204C (B) using the valved quick connectors attached to the tubing ends.
3. In case of a P 6.1L pump with integrated degasser, the tubing assembly marked with the dotted lines are already pre-installed. To match the flow path in the drawing these tubing assemblies need to be reconfigured on the P 6.1L as depicted. Use tubing assembly B' (pn 180.0206C) to make the connection between degasser channel B and port A2 on the solvent selection valve (SSV).
4. All tubing connections in the high pressure part of the LC system (between pump outlet and column outlet) are made with PEEK fingertight fittings with a HEX head (pn 250.1572). Use pn 250.0094 Tightening Tool for PEEK hex-head 1/16" nuts (delivered with the kit) to tighten the finger tights firmly. This is necessary to assure that the tubing will not slip out of the connector when the system is under pressure. Sudden loss of pressure might result in damage to for example the pulse damper or analytical column. Do not use a wrench, because with a wrench one might apply too much force and may result in rupture/damage of the plastic connector.
5. In the case the system is installed together with an post-column kit for carbohydrates (pn 180.0605):
 - (a) Install the post-column pump on top of the pump of the LC system. For installation instructions of the LC-connections of the post-column flow path, please refer to the documentation provided with the kit.
 - (b) Replace tubing assembly C (pn 180.0210C) by tubing assembly F (pn 180.0213C) to make the connection between pump outlet and pulse damper.
 - (c) Use tubing assembly C (pn 180.0210C) to make the connection between pulse damper and the borate trap column.
6. In the case a 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.

Legend LC tubing*:

 FEP 1/8", 1.59 mm ID, transparent	 PEEK 1/16", 0.064 mm ID, pink-striped
 Stainless Steel 1/32", 0.25 mm ID, with 1/16" ends	 Silicone 3 mm, 1 mm ID, transparent
 Stainless Steel 1/32", 0.13 mm ID	 PEEK 1/16", 0.50 mm ID, orange-striped
 PEEKSIL 1/32", 0.075 mm ID (black cladding)	 Silicone 10 mm, 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.