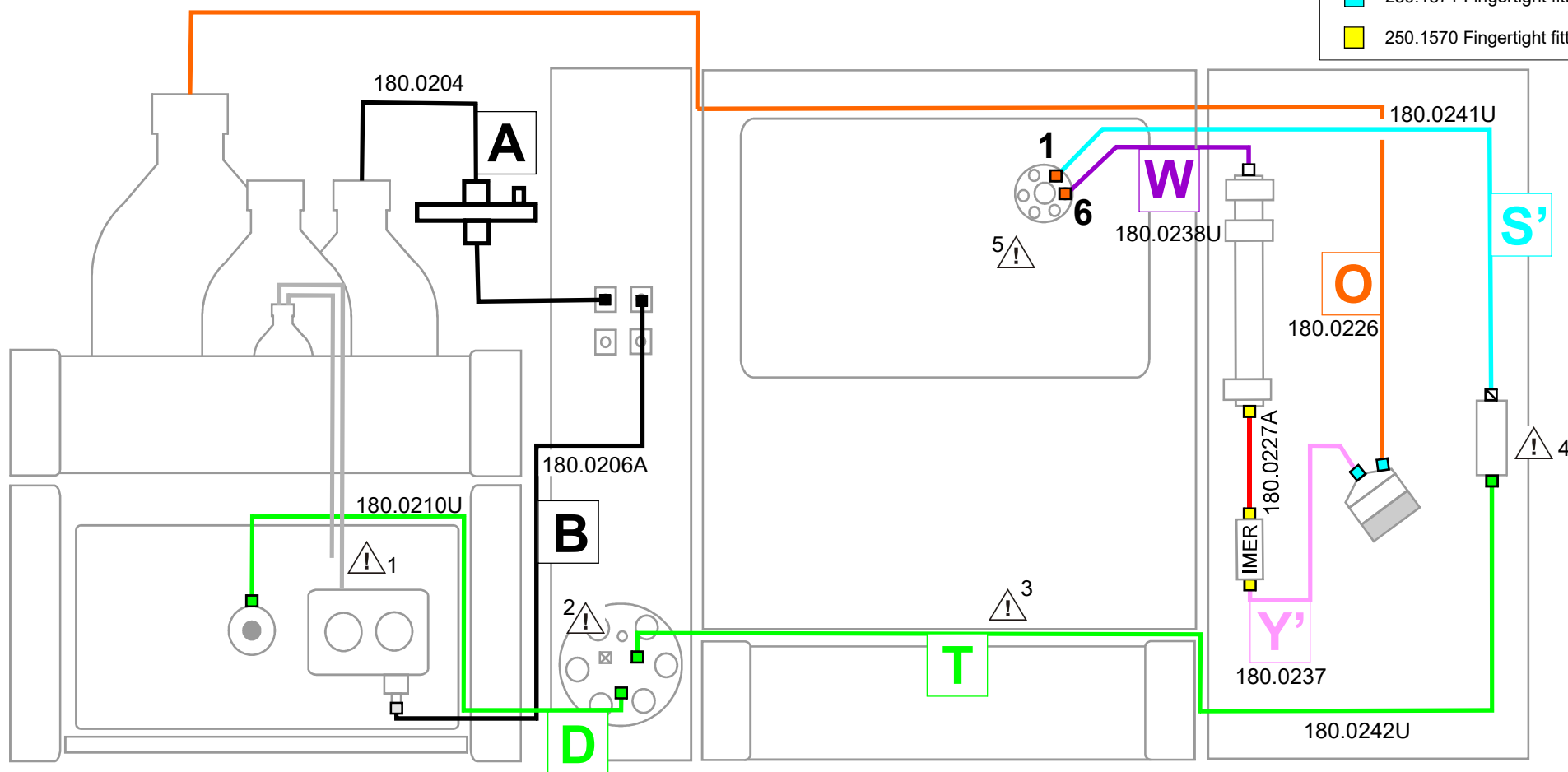




On the backside important installation information is provided for the parts marked with a caution sign.

LC connections

- 250.1550 Ferrule Tefzel, 1/8", flangeless
250.1552 Nut PEEK, 1/8", flangeless, 1/4-28
- 250.1566 Ferrule CTFE, 1/8", collapsible
250.1568 Nut PEEK, 1/8", hex, 5/16-24
- 250.1554 Ferrule SS, 1/16", SSI
250.1556 Nut SS, 1/16", SSI, 10-32
- ▢ 250.1594 Internal reducer 1/16"x1/32", 0.25 mm
- 250.1558 Ferrule SS, 1/16", Valco
250.1560 Nut SS, 1/16", Valco, 10-32
- 250.1591 Ferrule SS, 1/32", Valco
250.1590 Nut SS, 1/32", Valco, 10-32
- 250.1597 Fitting 1/32", 10-32, Waters comp.
- 250.1571 Fingertight fitting PCTFE 10-32
- 250.1570 Fingertight fitting PEEK, 10-32



Installation schematics for Acetylcholine analysis, using

LC connection kit SCC I, FLEX, UHPLC (pn. 180.0176U) + Acetylcholine Application kit (pn. 180.0505) + AChE/ChOx postcolumn-IMER (pn. 250.3532)



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

For the installation of the LC connections in the drawing the LC connection kit SCC FLEX I, UHPLC (p/n 180.0176U) and ALEXYS Acetylcholine kit (p/n 180.0505) and AChE/ChOx postcolumn-IMER (pn. 250.3532) are required. Read the LC connection kit install guide (p/n 180.7001A) before installation.

1. The piston wash tubing is not part of the LC connection kit; use the tubing provided in the pump ship kit and install according to the pump manual.
2. The pulse damper in the OR 110 UHPLC organizer rack (p/n 184.0040U) has three ports; one of the ports must be closed with the stainless steel closing plug supplied in the ship kit of the organizer rack.
3. For optimal performance it is required to passivate all metal parts in the system using a 15% HNO₃ solution, and flush the system afterwards with the appropriate solutions and mobile phase before connecting the analytical and IMER column; exposing the columns to the wrong solutions may lead to damage/loss of performance.
4. The large-capacity inline filter should be fixed in the oven compartment of the detector using the 6 mm column clamp.
5. The system operates at high pressures and zero-dead volume connections are critical for best performance. Therefore, make sure that the connections are sufficiently tight and tubing ends are properly inserted into the ports of the autosampler, column and cell when making the connections. A sudden slip of a tubing in a system under pressure can lead to a large pressure drop, which can damage the column and other parts of the system.

Legend LC tubing*:

 FEP 1/8", 1.59 mm ID, transparent	 PEEKSIL 1/32", 0.075 mm ID (black cladding)
 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
 PEEK 1/16", 0.064 mm ID, natural or pink striped	 PEEK 1/16", 0.13 mm ID, red-striped

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