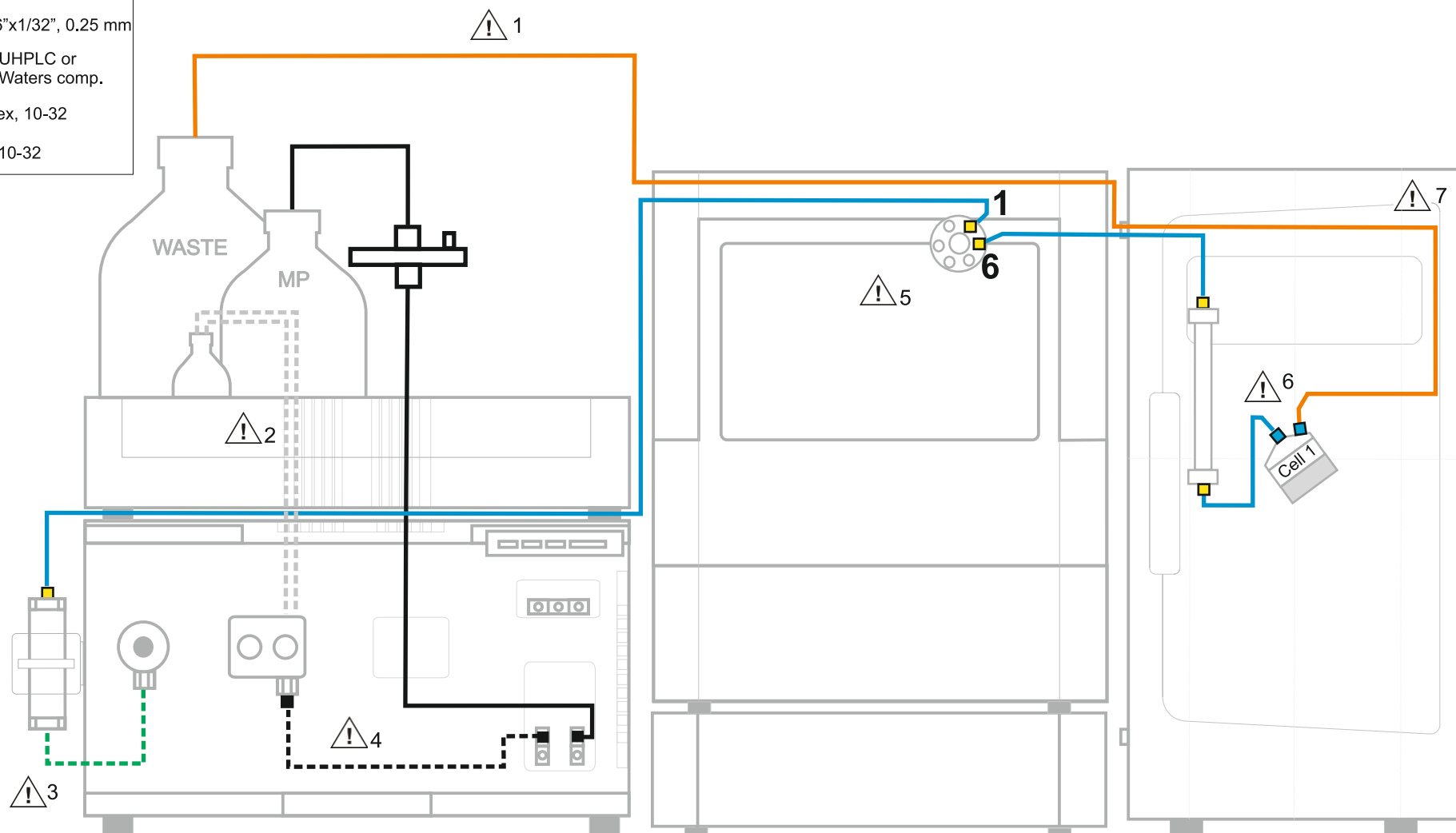


LC connections

- 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
- 250.1591 Ferrule SS, 1/32", Valco
250.1590 Nut SS, 1/32", Valco, 10-32
- 250.1558 Ferrule SS, 1/16", Valco
250.1560 Nut SS, 1/16", Valco, 10-32
- ▧ 250.1594 Internal reducer 1/16"x1/32", 0.25 mm
- 250.1596 Fitting 1/32", 10-32, UHPLC or
250.1597 Fitting 1/32", 10-32, Waters comp.
- 250.1572 Fingertight PEEK, hex, 10-32
- 250.1571 Fingertight PCTFE, 10-32



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





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 (p/n 180.7001W), before installation of the LC connection kit. This LC connection kit contains tubing for standard-bore LC only and is not suitable for use in micro LC applications.

1. In the LC connection kit a tubing cutter (p/n 250.102) is supplied to cut the supplied tubing to the appropriate length. Take care when making tubing connections in the flow path between injector and cell. Keep tubing length between injector - column - cell to a minimum. Make sure to make a straight cut and that the tubing ends are properly inserted into the ports of the autosampler, column or cell when fixing the connector to avoid dispersion. The tubing end should touch the bottom of the port to achieve a zero-dead-volume connection.
2. The piston wash tubing is not part of the LC connection kit, it can be found in the P6.1L shipkit. Read instruction in manual p/n 194.0010 how to install. Also install the supplied drainage system (funnels, hoses, nozzles) for leak management as described in the pump user manual.
3. The tubing between pump purge valve and pulsedamper is not part of the LC connection kit. This part can be found in the pulse damper shipkit. Follow the LC connection kit install guide (p/n. 180.7001W) for instructions concerning the connection between pump head and pulse damper (paragraph 'Instructions for connecting the flexible 1/32" OD tubing with fused 1/16" end sleeves). The pulse damper, p/n 250.EZZ00NB has to be mounted in a bracket on the side of the P6.1 L pump using the parts and instructions supplied in the shipping box of the damper.
4. The P6.1L pump with integrated degasser comes with pre-installed tubing between degasser and pump inlet. Reordering information for a replacement tubing is: Degasser outlet assembly, P6.1 (p/n 180.0206B).
5. For optimal performance it is required to passivate all metal parts in this system using a 15% solution of HNO₃. See LC connection kit install guide for instructions.
6. For connections with a VT-03 flow cell instead of SenCell use fingertights from the VT-03 ship kit: 250.1575 Fingertight M5.
7. The cell cable of the cell marked 'Cell 1' in the drawing should be connected to the corresponding connector marked Cell 1 in upper-right corner of the oven compartment of the detector.

Legend LC tubing*

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

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