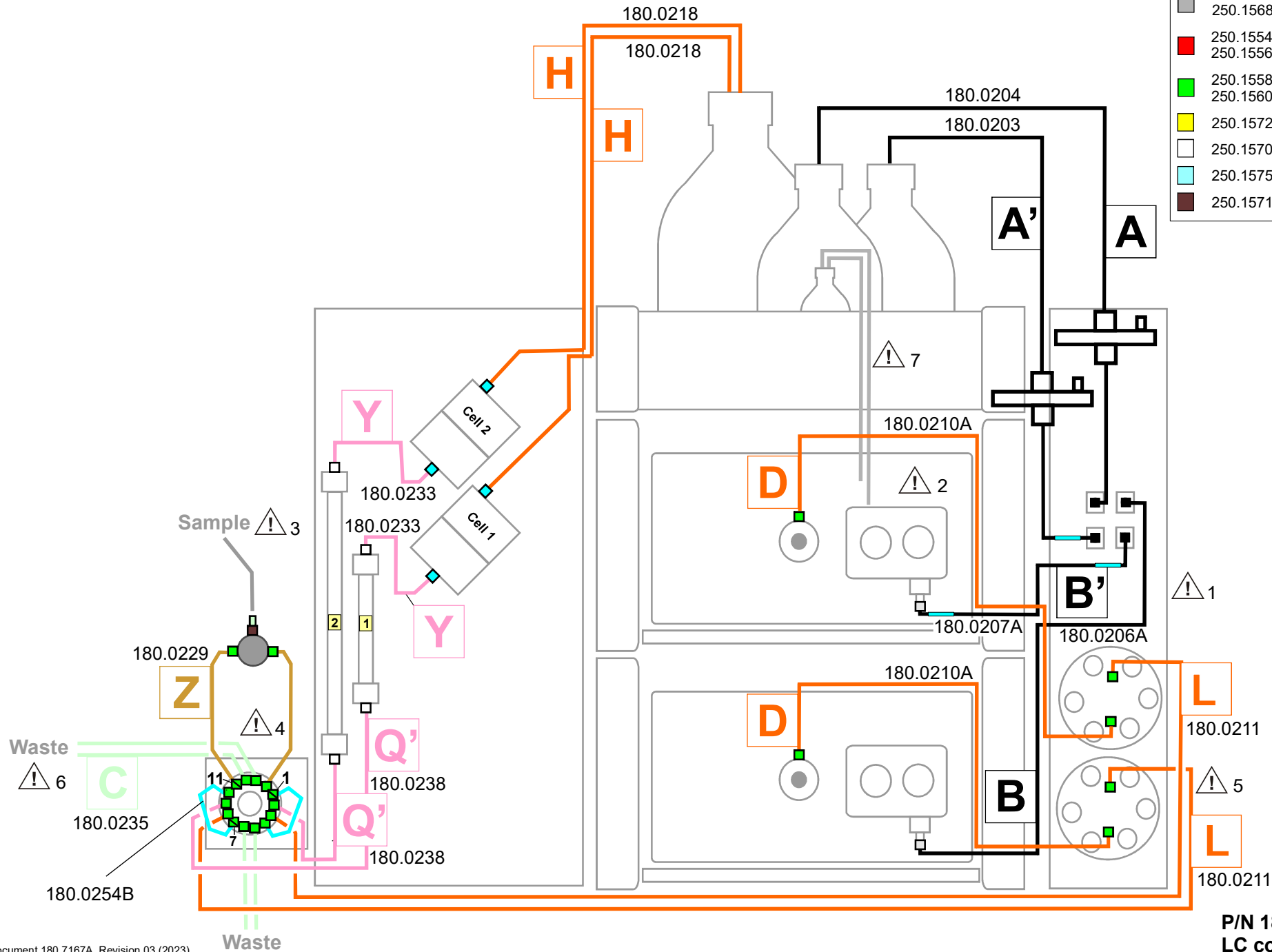




On the backside important installation information is provided for the parts marked with a caution sign.

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
- 250.1558 Ferrule SS, 1/16", Valco
- 250.1560 Nut SS, 1/16", Valco, 10-32
- 250.1572 Fingertight fitting PEEK, hex, 10-32
- 250.1570 Fingertight fitting, PEEK, 10-32
- 250.1575 Fingertight VT-03, M5
- 250.1571 Fingertight fitting PCTFE 10-32





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 180.7001A), before installation of the LC connection kit.

1. Do not remove the OR 110 aluminum support frame on the bottom of the OR 110 organiser rack (p/n 184.0040), in this particular TCC configuration it is necessary for stability of the unit.
2. For optimal performance it is required to passivate all metal parts in this system using a 15% solution of HNO<sub>3</sub> (see install guide).
3. All accessories for online sampling (syringe pump, tubing, microdialysis probes etc.) are not part of the LC connection kit. To connect the microdialysis (MD) tubing to the 1/16" inlet port of OMD splitter (p/n 180.0229) a PCTFE fingertight (p/n 250.1571) with FEP sleeve (p/n 250.1599) is provided.
4. Mount the 14-port valve (p/n 250.0014) to the left-side panel of the DECADE II as described in manual 250.7002 supplied with the valve kit. Mount all tubing connections on the 14-port valve as depicted on the schematic installation drawing. For reference the port numbers 1, 7 and 11 are shown, they can be recognized by the diagonal line through the green squares indicating the type of connector. A loop tubing assembly (p/n 180.0254B) is provided to prepare tailor-made loops, with a volume between 4 – 15 µL. See Appendix II of the LC connection kit install guide (p/n 180.7001A) for detailed instructions.
5. Arrange/fix the tubing assembly L (p/n 180.0211) under the instruments (organiser rack, pump and detector).  
Use the provided tie-raps to tie the two tubings together
6. FEP tubing is relatively soft, do not overtighten the nuts too much to avoid closure of the waste lines (p/n 180.0235).
7. The piston wash tubing assembly is not a part of the LC connection kit, it is supplied in the LC 110 shipkit (p/n 193.0426). Please read the installation instructions in manual 193.0010.

### 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, natural or pink-striped
-  Silicone 3 mm, 1 mm ID, transparent
-  Stainless Steel 1/16", 0.50 mm ID, metal
-  FEP 1/16", 0.75 mm ID, transparent
-  PEEKSIL 1/16", 0.05 mm ID, L = 10 cm, natural