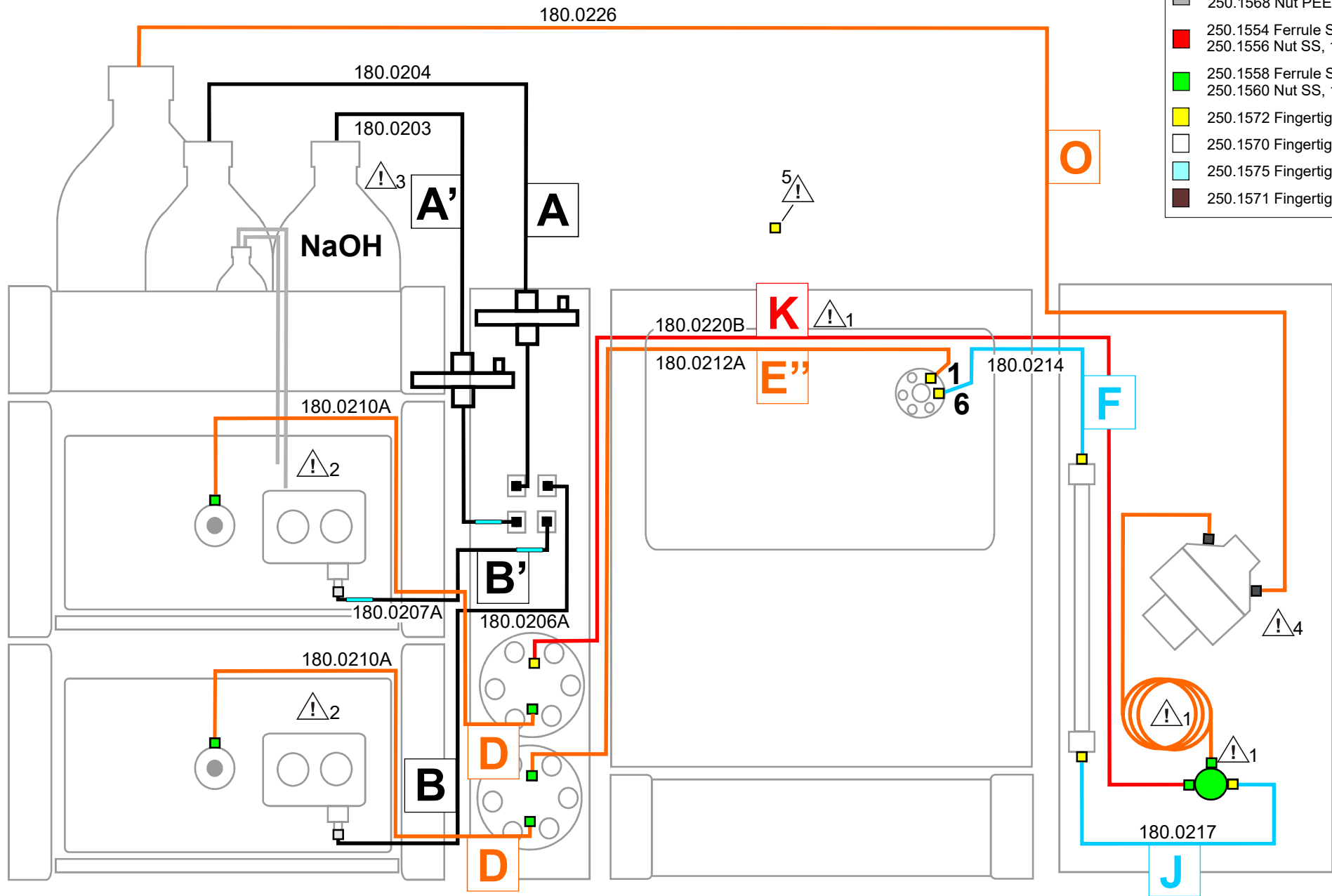
 On the backside important installation information is provided for the parts marked with a caution sign.



# 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 Flex/Sencell, 10-32

P/N 180.0150B

LC connection kit, post-column II, 375 µL



## IMPORTANT INSTALLATION INFORMATION

Read the LC connection kit install guide (p/n 180.7001A), before installation of the LC connection kit.

1. Part 180.0220B, DECADE II post-column mixer assembly 375  $\mu$ L, consists of three parts: (1) a restrictor (red-striped PEEK tubing), (2) a stainless steel mixing T and (3) mixing coil (orange-striped PEEK tubing). The tubing-end of the restrictor should be connected to the pulse damper outlet. The tubing-end of the mixing coil to the inlet of the cell.
2. 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 LC 100 user manual (p/n 193.0010). For all pumps in the system the active piston wash should be installed (Note that in the drawing the wash tubing of the top pump only is shown as an example).
3. Please use the 2.5 L plastic HDPE bottle (p/n 184.0203C) in combination with a prepunctured bottle cap from the glass bottle kit (p/n 184.0202) for the delivery of NaOH. Exposing the analytical column to sodium hydroxide (NaOH) will cause damage to the column. Make sure that the sodium hydroxide bottle is connect to the correct LC line (for post-column mixing), before starting-up the set-up.
4. In case a VT-03 cell is used use the fingertights (pn 250.1571) Fingertight Flex/Sencell, 10-32 supplied in the tubing assemblies part 180.0220B and 180.0226 but use part 250.1575 fingertights VT-03, M5 supplied in the VT-03 ship kit (part 110.0200) delivered with your flow cell.
5. Use a tightening tool such as for example the tightening Tool for PEEK hex-head 1/16" nuts (pn 250.0094) to tighten hex-head PEEK finger tights firmly. It will prevent that the tubing will slip out of the connector when the system is under pressure. Avoid the use of a wrench, because with a wrench one might apply too much force resulting in rupture/damage of the plastic connector.

## 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