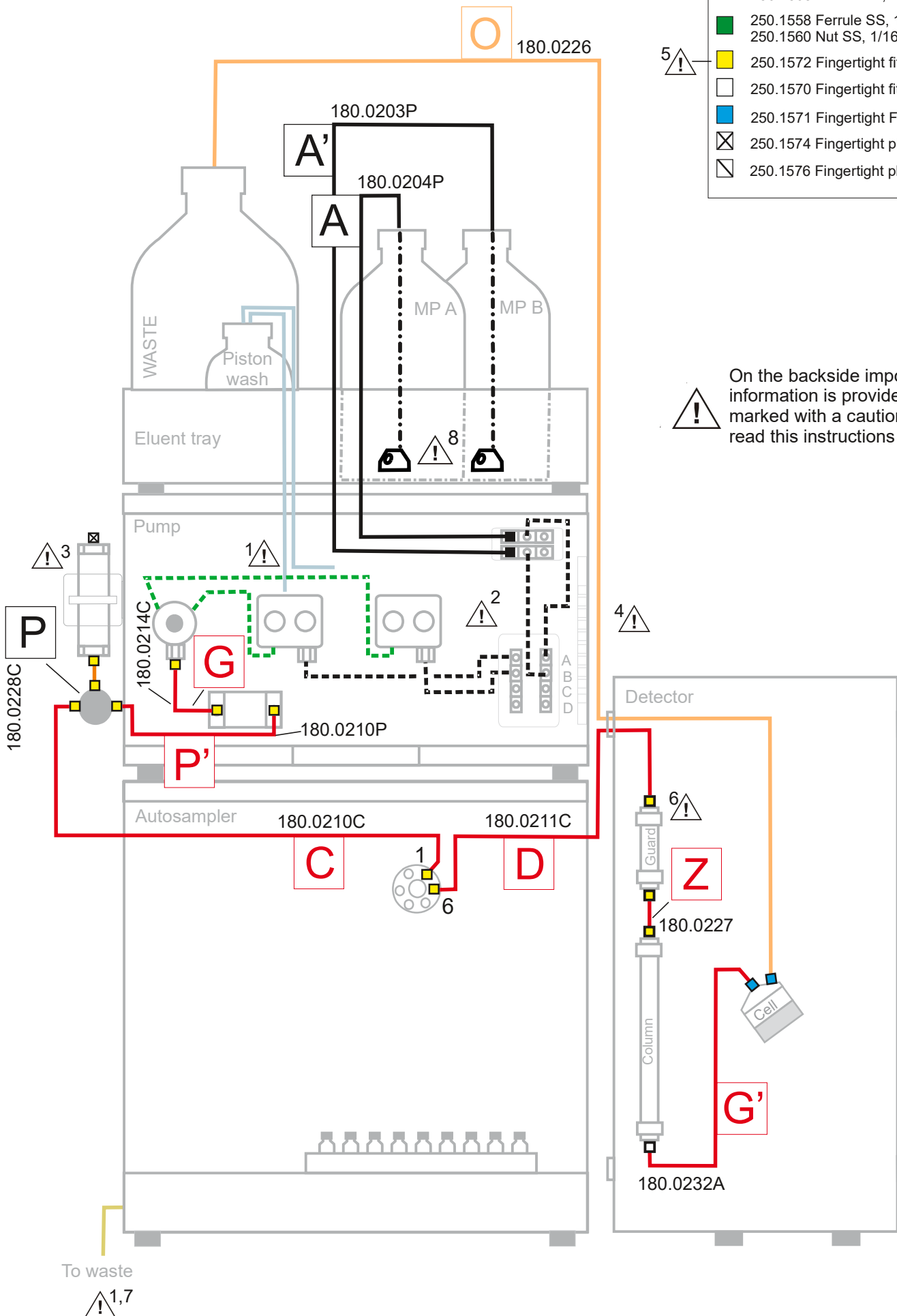


Legend LC connectors

- 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
- 250.1558 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
- 250.1571 Fingertight Flex/Sencell, 10-32
- ⊗ 250.1574 Fingertight plug PEEK 1/16" 10-32
- ⊘ 250.1576 Fingertight plug PCTFE 1/4"-28



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



LC equipment 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 P6.1L pump with integrated degasser comes with pre-installed tubing between Solvent Switch Valve (SSV), degasser, pump head inlets, pump head outlets, purge valve and mixer. Pre-installed tubing is indicated with dashed lines.
3. The pulse damper (p/n 250.EZZ00NB) has to be mounted in a bracket on the side of the P6.1L pump using the parts and instructions supplied in the shipping box of the damper. The pulse damper should be flushed with mobile phase by venting it (thus letting the air out).
4. For optimal performance it is required to passivate all metal parts in this system using a 15% solution of HNO₃. Make sure not to pass the acid through the degasser. See LC connection kit install guide for instructions.
5. All tubing connections in the high pressure part of the LC system are made with PEEK HEX head fingertight fittings (pn 250.1572). Use the tightening tool (pn 250.0094) delivered with the kit to tighten the finger tight fittings firmly. It will prevent that the tubing will slip out of the connector when the system is under pressure. Do not use a wrench, because with a wrench one might apply too much force resulting in rupture/damage of the plastic connector.
6. In the case a guard column is used, connect the guard to the analytical column using pn 180.0227 precolumn assembly.
7. Place a suitable waste container on the floor or other suitable place below the system and guide the waste lines from autosampler (which is also the overflow guard) into the container. Check regularly if the container is filled and empty it when required.
8. Replacement filters can be ordered as 'PEEK filter for 1/8" MP inlet, 2um' (pn. 250.1704).

Legend LC tubing*:

	FEP 1/8" OD, 1.59 mm ID, transparent		PEEK 1/16" OD, 0.064 mm ID, pink-striped
	Stainless Steel 1/32" OD, 0.25 mm ID, with 1/16" ends		Silicone 3 mm OD, 1 mm ID, transparent
	PEEK 1/16" OD, 0.25 mm ID, blue-striped		PEEK 1/16" OD, 0.50 mm ID, orange-striped
	PEEK 1/16" OD, 0.13 mm ID, red-striped		Silicone 10 mm OD, 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.