





IMPORTANT INSTALLATION INFORMATION

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

1. The Carbohydrate analyzer contains the necessary tubing assemblies to connect to a Helium gas cylinder and to be able to sparge or blanket the mobile phase with Helium gas. A Helium gas cylinder and all required gas flow regulators are NOT delivered with the Carbohydrate analyzer and need to be purchased separately from a third-party vendor.
2. In case Helium degassing is required install the Helium degassing assembly p/n 180.0222. The assembly can be used to degass/sparge the mobile phase bottles. Screw the bottle cap on the 2.5 L plastic HDPE mobile phase bottle supplied with the Carbohydrate analyzer. Do not use glass bottles for use with / or storage of the mobile phase(s). NEVER CLOSE THE CAP OF A MOBILE PHASE BOTTLE COMPLETELY WHEN SPARGING HELIUM. IT MAY PRESSURIZE THE BOTTLE AND LEAD TO HARMFUL/DANGEROUS SITUATIONS.
3. In case Helium degassing is used the tubing p/n 180.0203 also need to be fixed into the screw holes in the bottle caps of assembly 180.0222. For that purpose in assembly 180.0222 a nut (p/n 250.1552) and ferrule (p/n 250.1550) are provided.
4. 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).
5. If used in combination with an ALC column: Consult the “instruction for use” document (p/n 250. 3017) for proper installation of the ALC-525 guard column. The ALC-525 guard column starter kit consist of one cartridge holder, two column cartridges, 2 fingertights and a 5 cm long PEEK tubing. Connect the 5 cm long PEEK tubing p/n 180.0214 to the guard column using the supplied fingertights in the starter kit. Subsequently, connect the other end of the 5 cm PEEK tubing to the analytical column using the fingertight (p/n 250.1570) supplied in assembly p/n 180.0214.

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