

Agilent SPS 4 and SPS 6

Fitting the Sample Probe Instructions

WARNING



Moving Parts Hazard

Always switch off the power to the autosampler before installing or removing the sample probe.

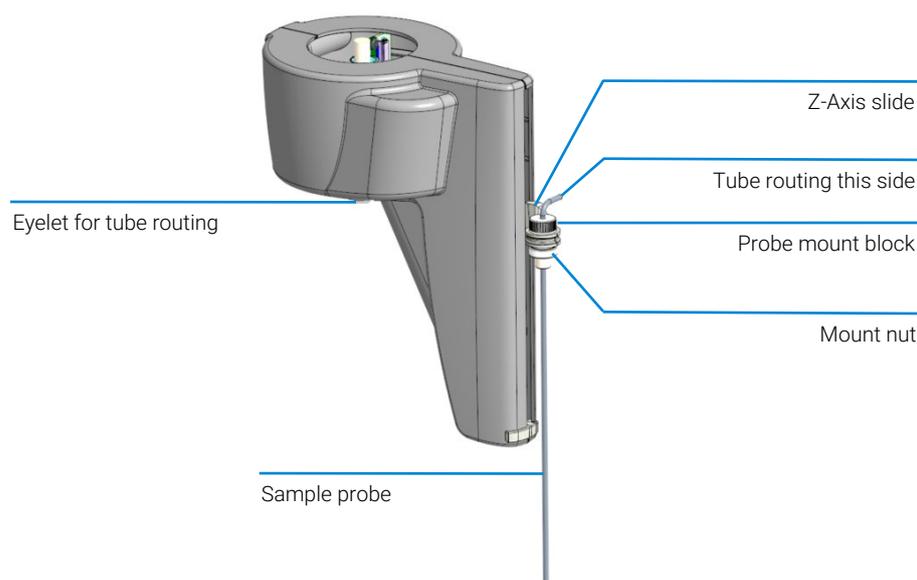


Figure 1 Installing the sample probe

To fit the sample probe:

- 1 Turn the autosampler off.
- 2 Manually rotate the probe arm so it faces the front of the autosampler for easy access.
- 3 Undo the mount nut from the probe mount block on the sample probe and slide the nut off the sample probe.
- 4 Move the Z-axis slide down to its lowest point.
- 5 Slip the tip of the sample probe into the hole in the middle of the Z-axis slide and through the mount nut, with the recessed edge facing up, until the probe mount block is sitting in the z-axis slide.
- 6 Slide the mount nut up onto the probe mount block, ensuring the tubing is routed to the right of the probe arm. Tighten to secure the sample probe to the Z-axis slide as shown in Figure 2.
- 7 Move the Z-axis slide up to its highest point.
- 8 **For the SPS 4**, connect the cable tie to the eyelet on the underside of the probe arm cover and leave a loop of approximately 10 mm. Thread the sample line through the loop in the cable tie as shown in Figure 2.

For the SPS 6, insert the sample line into the central line of the tubing guide. Attach the tubing guide to the underside of the probe arm cover using the cable tie, as illustrated in Figure 2.



Figure 2 Routing the sample line tubing

- 9 Feed the free end of the sample line through the rubber grommet in the middle of the wash pump tubing plate as shown in Figure 3.

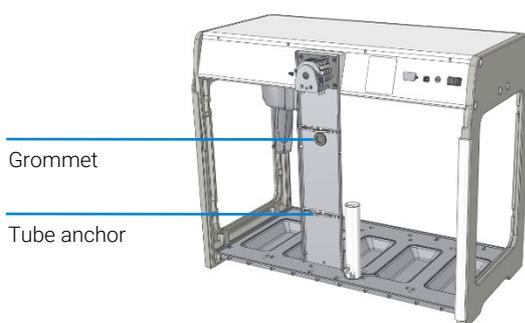


Figure 3 Routing the sample line tubing (SPS 4 shown)

- 10 Feed the sample line through the grommet until the first two colored markers are on either side of it.

The following lists the color of the tube markers on the sample probe tubes.

- Red: Sample probe kit, 0.25 mm ID
- Green: Sample probe kit, 0.8 mm ID
- Black: Sample probe kit, 1.2 mm ID
- Yellow: Sample probe kit, 0.5 mm ID
- Blue: Sample probe kit, 1.0 mm ID
- Red: Sample probe to suit microtiter plate

- 11 Connect the sample line to the input of your instrument's sample introduction system, adjusting the length from the exit point as required.

CAUTION

It is important to ensure that the length of the tubing allows the probe arm to move freely in all axes. If it is too tight, it will restrict the probe arm and may cause a movement failure. If it is too loose, the probe arm may become tangled in the tubing as it moves.

Removing the Tubing Guide

The tubing guide will need to be removed to replace the probe. To remove the tubing guide:

- 1 Use side cutters to carefully cut the cable tie.
- 2 Slide the tubing out of the tubing guide.
- 3 Follow the instructions above to replace the probe.



This information is subject to change without notice.

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