



Manual Grab Sample Procedure for APA 6000™ Analyzers

Any grab sample should be introduced into the instrument through the sample conditioning block. See [Figure 1](#).

The grab sample kit includes 0.250 in. OD tubing (Cat. No. 47438-00), an adapter assembly (Cat. No. 62035-00), a luer lock fitting (Cat. No. 62036-00), and a 60-cc syringe (Cat. No. 22587-00). See [Figure 2](#).

1. Disassemble the adapter assembly (Cat. No. 62035-00) and reassemble with the tubing as shown in [Figure 2](#). Attach the tubing to the syringe by twisting the luer lock fitting onto the syringe.
2. Turn off the unfiltered sample flow by turning the lever on the sample valve perpendicular to the body of the valve.
3. Remove the sample-in tubing from the side of the sample conditioning block. Press the push-in fitting where the tubing enters the block while pulling the tubing out. See [Figure 3](#). When the sample-in line is disconnected, sample will drain from the sample conditioning block. This waste should be disposed of in an appropriate manner.
4. Use the syringe to collect a grab sample. With the free end of the tube in the desired grab sample, draw the plunger back and fill the syringe. See [Figure 4](#).
5. Insert the free end of the tubing connected to the syringe into the sample-in port in the sample conditioning block.
6. Slowly push the plunger completely into the syringe to fill the block with grab sample. Any excess sample will drain out through the sample out tubing.
7. Allow the instrument to cycle through 1–3 measurements.
8. Remove the grab sample tubing (as described in step 3) and reinstall the sample-in tubing.
9. Open the sample-in valve to restore sample flow to the instrument.

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Figure 1 Locating the Sample Conditioning Block on the APA 6000

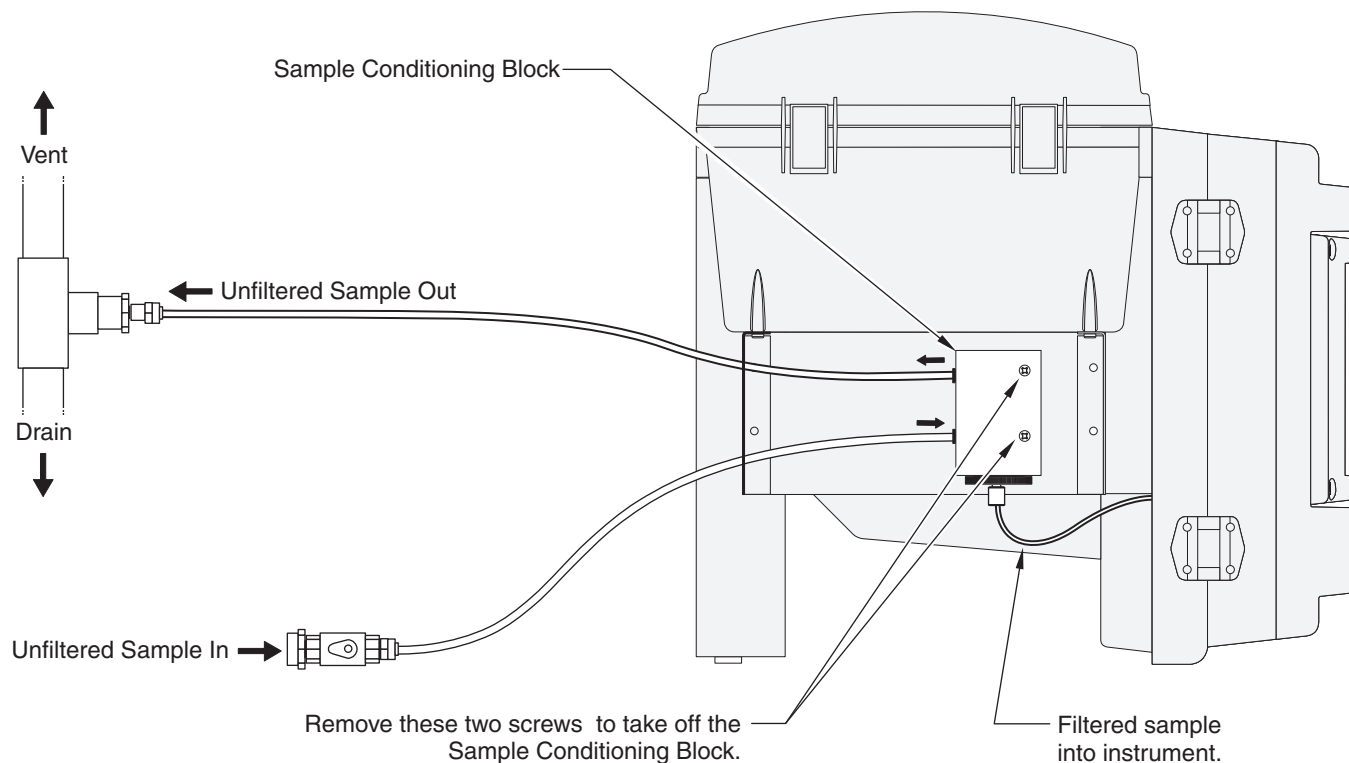
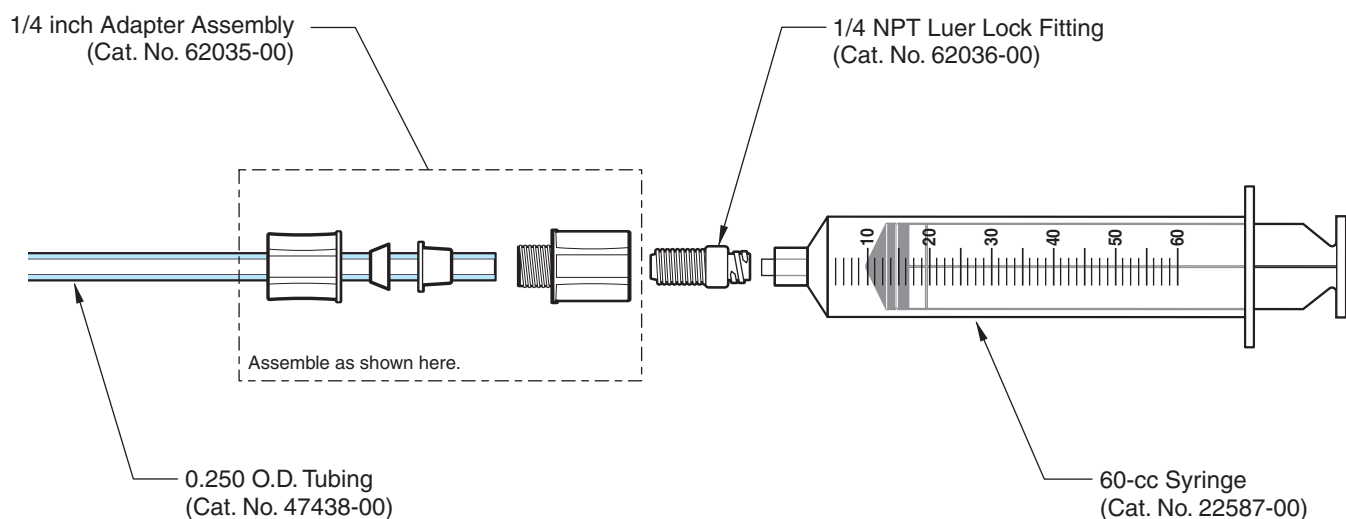
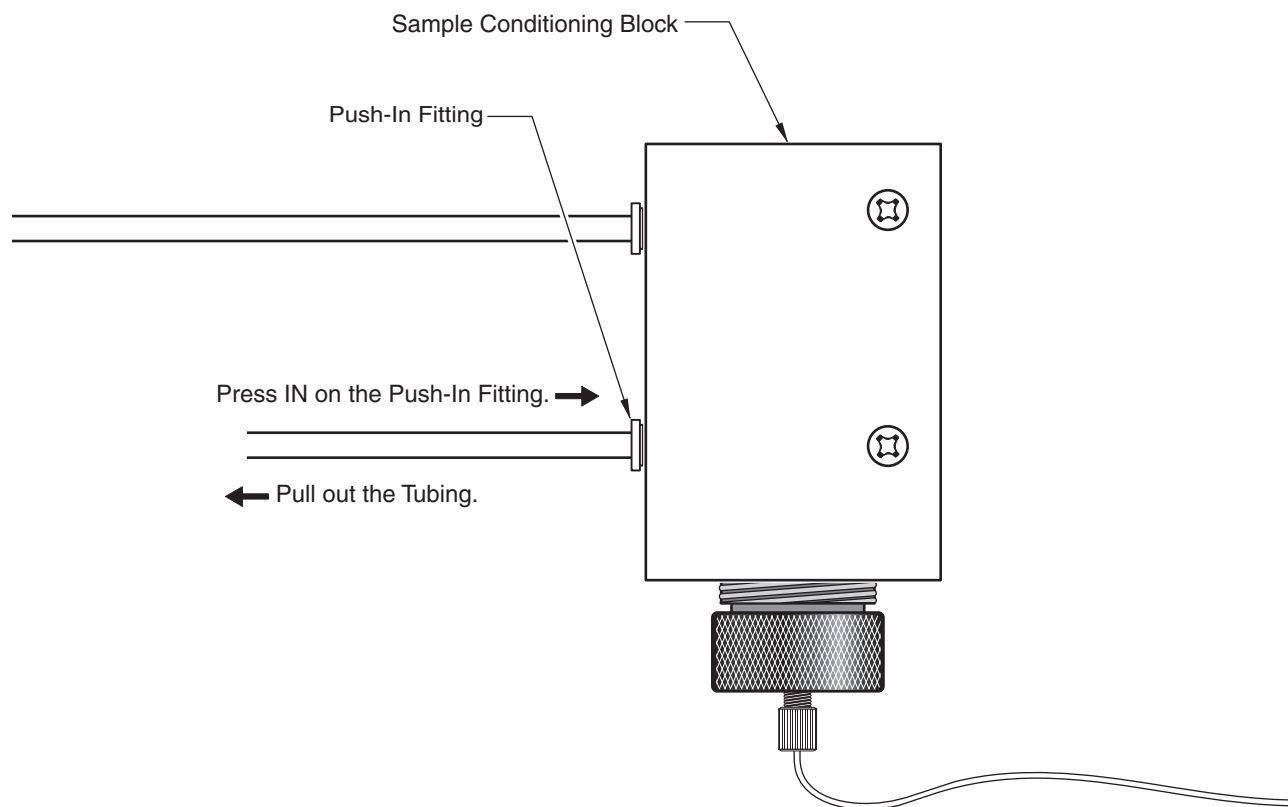


Figure 2 Preparing the Grab Sample Assembly



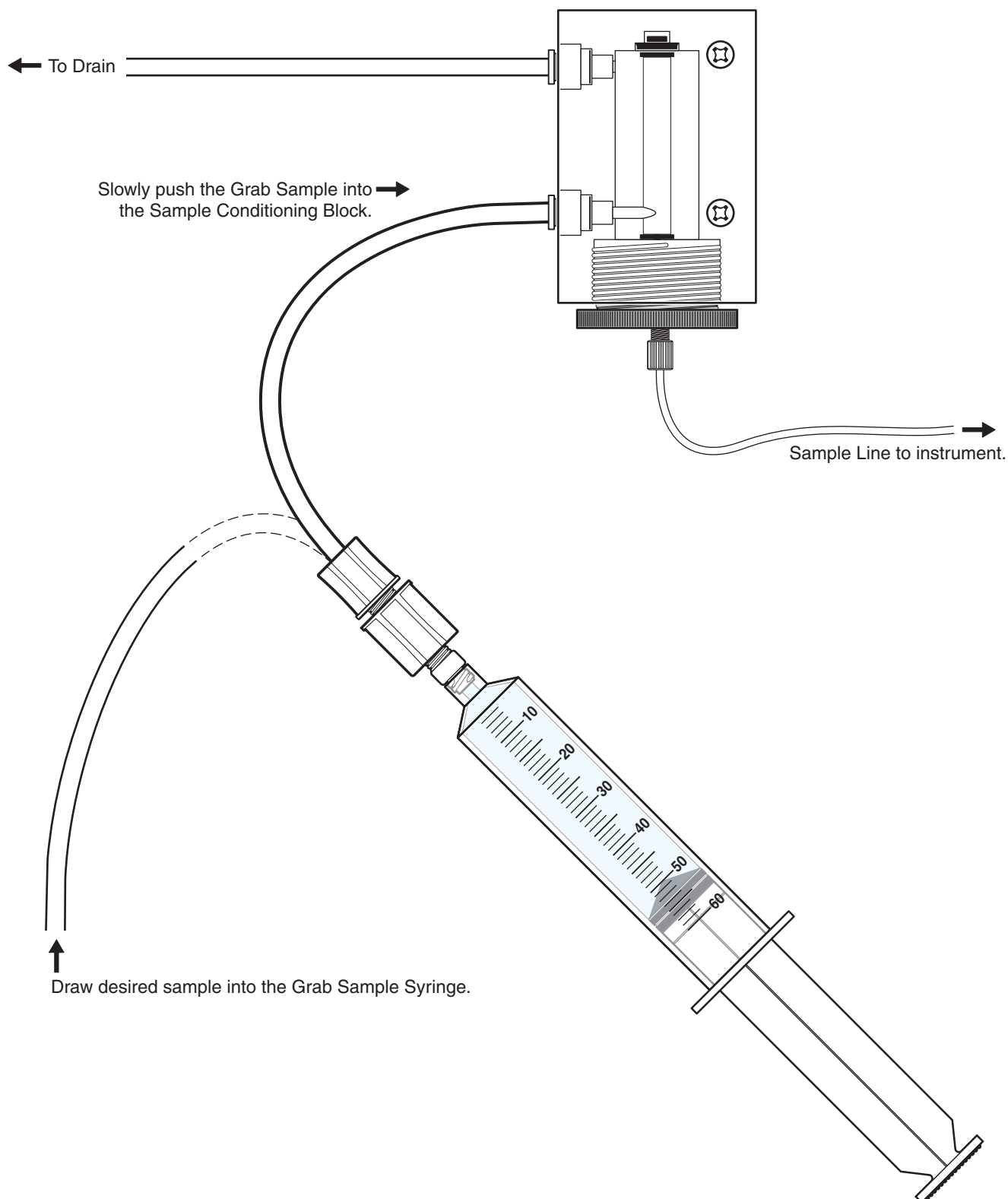
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Figure 3 Removing the Sample-in Tubing from the Sample Conditioning Block



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Figure 4 Collecting Grab Sample and Filling the Sample Conditioning Block



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