Diskcover-47 Disk Holders

cat.# 24020, 24021

Operating Instructions

1. Assemble the Diskcover-47 disk holder. The inside top surface of the filter holder is designed to spread the sample evenly over the surface of the disk. The base of the Diskcover-47 is machined with a concave grid pattern that supports the disk and allows complete drainage of the aqueous sample. The extraction disk is sealed in the extraction holder by compressing the top and bottom together with a durable polypropylene screw clamp that does not come in contact with the sample. When using the Resprep®-C18-47 extraction disks, make sure the WRINKLED SIDE IS UP (not facing the concave grid base). For other extraction disks, consult the manufacturer for correct usage.

2. Attach the PTFE sample tubing to the ¼-inch PTFE male luer adapter, then attach the adapter to the top of the Diskcover-47 disk holder. The PTFE sample tubing will fit securely only into one end of the adapter. The large hole of the adapter will fit on top of the Diskcover-47 disk holder.

The sample can enter the filter holder through either a ¼-inch PTFE line attached directly to the sample reservoir or the ¼-inch male luer adapter or by an optional 125 mL PTFE open-top reservoir. We recommend drawing the sample directly from the original sampling container since this can be done unattended and prevents sample loss or contamination. The 125 mL PTFE open-top reservoir design allows samples to be poured directly onto the filter disk holder. It installs by simply removing the top filter assembly and the top polypropylene sealing clamp from the Diskcover-47 disk holder, placing a PTFE O-ring on top of the disk, and screwing the open-top reservoir into the bottom polypropylene sealing clamp. Be sure that the O-ring is in place to prevent damage to the extraction disk.

Questions about this or any other Restek® product? Contact us or your local Restek® representative (www.restek.com/contact-us).

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