

Operating Instructions

Advantage 300+ Guard Cartridge Column



Advantage 300+ Guard Cartridge Columns are designed to be used with Semi Prep 10mm guard cartridge holders like the one pictured at the right. These high performance cartridges are manufactured with the same technology that makes Analytical Sales & Services HPLC columns and cartridges famous for their efficiency and long life.



Cartridge Installation:

Remove the protective end caps from the cartridge.

Note: the vent screw on one protective cap must be unscrewed before removing the caps from the cartridge for use or placing the caps back on the cartridge for storage.



Unscrew one of the cartridge Holder ends from the metal body. With a twisting motion, press a new cartridge into the Holder end that was just removed.

Note: Wet the end of the cartridge with water or mobile phase to reduce seal wear and make cartridge insertion easier.



Moisten the free end of the cartridge and reassemble the Holder. Tighten the Holder Ends by hand until they are snug. **Do Not Use Wrenches or Pliers!** The black cartridge end pieces are interchangeable. The knurled end of the aluminum body facilitates opening and closing the Holder and can be used as a flow direction reference after a cartridge is placed in the Holder.

Cartridge Removal:

Unscrew the plastic bushing from the Holder, then unscrew the Holder's end piece. If the cartridge remains in the end piece that is still attached to the metal Body, unscrew the metal Body and pull the cartridge from the assembly.

Parts and Accessories:

Part No.	Description
ADV10-Hold30	Semi Prep 10mm Guard Cartridge Kit for a 30x10mm Cartridge. <i>Includes 2 ea. PEEK tubing, bushings and ferrules.</i>



Specifications:

Materials: Cartridge Columns are made of stainless steel that has been passivated after machining. The stainless steel frits have a 2 μ m porosity. The acetal plastic end caps have ethylenepropylene seals.

Solvents: Cartridges contain 70% acetonitrile in water.

Warranty:

Analytical Sales & Services products are manufactured and quality-controlled to the highest standards and are warranted to be free of manufacturing defects. A customer feeling that a product does not measure up to performance expectations must request a returned goods authorization from the place of purchase within 30 days of the invoice date. Analytical Sales & Services products are not intended for use in clinical or diagnostic applications. Specifications are subject to change without notice.



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