CHROMATOGRAPHIC SPECIALTIES INC.

www.chromspec.com

CRS Product Lines

AFS Purifiers I & II

Both the AFS Purifier I and AFS Purifier II have very high capacity and can be expected to supply four GC's for at least one year when used with 99.995% pure gas supplies (provided reasonable care is taken during tank changes). The recommended flow rate is 2 L/min and 200 psi maximum operating pressure.

AFS Purifier I removes O_2, H_2O, and hydrocarbons, (>C4) from inert gases and hydrogen. It contains high-sensitivity oxygen and moisture indicators.

AFS Purifier II removes H_2O and hydrocarbons, (>C4) from pure air, hydrogen and inert gas. It contains a high-sensitivity moisture indicator.

ZPure™ Purifiers

Our inline purifiers are a compact design which fits many existing installations. They are designed to reduce contaminates to low-ppb levels and also have a dual seal design for added safety to protect against leaks. The stainless steel bodies have 10 micron stainless steel frits at both ends to protect against dust. Available with brass or stainless steel compression fittings. 200 psi maximum pressure, 2 L/min per min. recommended flow rate.

Ferrules

Vespel® ferrules have an upper temperature limit of 350°C and are made from 100% high-temperature DuPont polyimide with precision drilled ID. Vespel is fairly hard and tends to seal permanently to the column.

Vespel®/Graphite ferrules have an upper temperature limit of 400°C and are made from quality DuPont polyimide/graphite blend. Recommended for GC/MS interface applications.

Graphite ferrules have an upper temperature limit of 450°C and are made from high purity graphite. Ideal for glass to metal connections because they doesn't stick to glass. They are reusable, if they aren't over tightened.

PTFE ferrules have an upper temperature limit of 250°C, and are made of 100% PTFE. They are soft and completely inert.

Crimpers and Decappers

The High Power Electronic Crimping Tool is a higher-power version of the electronic crimpers and decappers. It has a fixed power supply and cord and uses interchangable jaw sets.

6.4 volt Electronic crimpers and decappers are handheld and rechargeable. Available for 8 (crimper only), 11, 13, and 20 mm crimp caps. These are easy to use, provide a comfortable grip, and the user can adjust the crimping force. Tools will reproduce hundreds of crimps from one charge.

New Easy Grip Manual Crimpers and Decappers are available in 8 (crimper only) 11, 13 and 20 mm. The body is constructed of tough, light-weight glass-filled plastic. The curved high-strength handle design conforms to your natural hand grip. Adjusting the crimp setting is easy with the knob located on the head of the crimper.

Premium Septa

Our premium septa are pre-conditioned for lower bleed than general purpose septa. The CenterGuide™ guides the syringe needle for easy penetration and helps reduce needle bending. Each premium septum is precision molded to assure an accurate fit in the injection port. BTO®, Marathon™, and AG3™ premium septa can be used at 400°C injector setpoints in most instruments.

Vials, Caps, and Seals

CRS carries a broad range of auto-sampler, microwave, conical, limited volume, EPA, reaction, shell and head-space vials. Vials use screw, crimp, snap and plug caps. CRS also offers seals in a variety of material and thicknesses for all your sampling needs.

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For more information, contact our Technical Support Team at:
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