



# CHROMATOGRAPHIC SPECIALTIES INC.

www.chromspec.com

## ZPure™ Purifiers

- Available with Brass or Stainless Steel Compression Fittings, 1/8" or 1/4"
- Stainless steel bodies with 10 micron stainless steel frits at both ends to protect against dust
- High-quality activated adsorbents for long filter life and efficient contaminant removal
- Designed to reduce contaminants to low ppb levels
- All ZPure filters are helium leak checked and shipped filled with helium
- Dual seal design protects against leaks for added safety
- Recommended flow rate is 2 L/min and maximum operating pressure is 13.8 bar (200 psi)



## Stainless Steel Inline Purifiers

### ZPure™ Dual Purifier

This is a high capacity purifier for oxygen and water removal. It reduces oxygen and water to low ppb-levels from inert gases, He, Ar, N<sub>2</sub>, and H<sub>2</sub>. This purifier will improve baseline noise and sensitivity. The advanced adsorbent technology is exclusive to CRS.

### ZPure™ O<sub>2</sub> Purifier

This is a high capacity purifier for oxygen removal. It reduces oxygen from GC/MS carrier gas to low ppb-levels. The high performance design and advanced adsorbent technology, exclusive to CRS, provides outstanding efficiency for oxygen removal.

### ZPure™ HC Purifier

This is a high capacity purifier for hydrocarbon removal C5 and heavier. It reduces hydrocarbons from inert gases, air, or hydrogen to low-ppb levels. It is also recommended for use with FID gas lines.

### ZPure™ H<sub>2</sub>O Purifier

This is a high capacity purifier for moisture removal. It reduces moisture from inert gases, air, or hydrogen to less than 20 ppb-levels.



*For more information, contact our Technical Support Team at:  
1-800-267-8103 • tech@chromspec.com*

# Glass Indicating Purifiers

## ZPure™ Glass Oxygen Purifier

This high-efficiency gas purifier is recommended as a downstream indicator for high capacity, non-indicating purifiers, such as the ZPure Dual or ZPure Oxygen. It reduces oxygen to low-ppb levels from chromatography carrier gas streams and provides a visual breakthrough indicator. The adsorbent materials are held in a sturdy glass tube for added safety.



## ZPure Glass Moisture Purifier

This is an advanced-design gas purifier for applications requiring moisture removal with a visual breakthrough indicator. Up to 6 grams of water are reduced to low-ppb levels. The adsorbent materials, Molecular Sieve 5a and cobalt-free CoFree indicator, are held in a sturdy glass tube for added safety.



## ZPure Glass H<sub>2</sub>O/HC Purifier

This indicating purifier removes water and hydrocarbons C5 and heavier from inert gases or air. It contains a visual breakthrough indicator. The adsorbing materials, activated carbon, cobalt-free CoFree indicator, and Molecular Sieve 5a, are held in a sturdy glass tube for added safety.



## ZPure Glass High Sensitivity Moisture Purifier

This is an advanced-design gas purifier for applications requiring high-efficiency moisture removal with an extremely sensitive moisture indicator. It reduces water to low-ppb levels from gas streams and provides a visual indication of breakthrough when exposed to moisture levels of 1 ppm or more. The adsorbent materials are held in a sturdy glass tube for added safety.



## ZPure Stainless Steel Inline Purifiers

Description	Brass Fittings	Item No.
ZPure Dual, 1/8" fittings		202206-B
ZPure Dual, 1/4" fittings		202207-B
ZPure O <sub>2</sub> , 1/8" fittings		202216-B
ZPure O <sub>2</sub> , 1/4" fittings		202217-B
ZPure HC, 1/8" fittings		202232-B
ZPure HC, 1/4" fittings		202233-B
ZPure H <sub>2</sub> O, 1/8" fittings		202230-B
ZPure H <sub>2</sub> O, 1/4" fittings		202231-B

Description	Stainless Steel Fittings	Item No.
ZPure Dual, 1/8" fittings		202206-SS
ZPure Dual, 1/4" fittings		202207-SS
ZPure O <sub>2</sub> , 1/8" fittings		202216-SS
ZPure O <sub>2</sub> , 1/4" fittings		202217-SS
ZPure HC, 1/8" fittings		202232-SS
ZPure HC, 1/4" fittings		202233-SS
ZPure H <sub>2</sub> O, 1/8" fittings		202230-SS
ZPure H <sub>2</sub> O, 1/4" fittings		202231-SS

## ZPure Glass Indicating Purifiers

Description	Brass Fittings	Item No.
ZPure Indicating O <sub>2</sub> , 1/8" fittings		202236-B
ZPure Indicating O <sub>2</sub> , 1/4" fittings		202237-B
ZPure Moisture, 1/8" fittings		202234-B
ZPure Moisture, 1/4" fittings		202235-B
ZPure H <sub>2</sub> O/HC, 1/8" fittings		202256-B
ZPure H <sub>2</sub> O/HC, 1/4" fittings		202257-B
ZPure High Sensitivity Moisture, 1/8" fittings		202283-B
ZPure High Sensitivity Moisture, 1/4" fittings		202284-B

Description	Stainless Steel Fittings	Item No.
ZPure Indicating O <sub>2</sub> , 1/8" fittings		202236-SS
ZPure Indicating O <sub>2</sub> , 1/4" fittings		202237-SS
ZPure Moisture, 1/8" fittings		202234-SS
ZPure Moisture, 1/4" fittings		202235-SS
ZPure H <sub>2</sub> O/HC, 1/8" fittings		202256-SS
ZPure H <sub>2</sub> O/HC, 1/4" fittings		202257-SS
ZPure High Sensitivity Moisture, 1/8" fittings		202283-SS
ZPure High Sensitivity Moisture, 1/4" fittings		202284-SS



**crs** | Chromatography  
Research Supplies

For more information, contact our Technical Support Team at:  
1-800-267-8103 • [tech@chromspec.com](mailto:tech@chromspec.com)