

## High-Capacity Indicating Oxygen Trap

- Indicator changes color from dark blue to black as oxygen & water are trapped.
- Lasts longer than three smaller traps.
- Use with all carrier gases.
- Ambient operating temperature, 100psi (689kPa) operating pressure.
- Built-in frit traps microparticles.
- Outlet gas purity:  $O_2 < 0.1\text{ppm}$  when inlet does not exceed 15ppm.  
 $H_2O < 0.5\text{ppm}$  when inlet does not exceed 10ppm.
- Includes cartridge housing and one cartridge.
- Maximum operating pressure: 150psi (1034kPa).
- Maximum flow: 16.5L/min.



Dimensions: 9<sup>1</sup>/<sub>4</sub>" x 2"  
(23.5 x 5.1 cm)

Description	qty.	cat.#
High-Capacity Indicating Oxygen Trap, 1/8" Compression Tube Brass Fittings	ea.	20624
High-Capacity Indicating Oxygen Trap, 1/4" Compression Tube Brass Fittings	ea.	20623
Replacement Cartridge (fits 1/4" or 1/8" housing)	ea.	20625
Replacement O-Rings (5 small O-rings and 5 large O-rings)	kit	22081



## Indicating Oxygen Trap

- Indicator changes color from light green to grey as oxygen is trapped.
- Heavy-walled glass body prevents oxygen & water infusion.
- Prepurged for fast stabilization.
- 100psi (689kPa) maximum operating pressure.
- Reduces oxygen to 0.1ppm.

Description	qty.	cat.#
Indicating Oxygen Trap, 1/8" Nickel-Plated Brass Fittings	ea.	22010
Indicating Oxygen Trap, 1/4" Nickel-Plated Brass Fittings	ea.	22011



Dimensions: 10" x 1<sup>1</sup>/<sub>4</sub>"  
(25.4 x 3.2 cm)

## High-Capacity Oxygen Trap

- Removes up to 600mg of oxygen or 2g of water.
- Long life—typically purifies more than five 200ft<sup>3</sup> cylinders.
- Reduces oxygen to 15ppb.
- Maximum operating pressure: 250psi (1724kPa).
- Flow: 3L/min. @ 32psi (221kPa).

Description	qty.	cat.#
High-Capacity Oxygen Trap, 1/8" Nickel-Plated Brass Fittings	ea.	20601
High-Capacity Oxygen Trap, 1/4" Nickel-Plated Brass Fittings	ea.	20600



Dimensions: 11" x 1<sup>1</sup>/<sub>2</sub>"  
(27.9 x 3.8 cm)

## Rechargeable Molecular Sieve S-Trap

- Traps water vapor; increases column and oxygen trap lifetime.
- Reduces baseline noise from sensitive detectors such as ECDs and mass spectrometers.
- Activated and ready to use.
- Reduces water to less than 1ppm.
- Fits in GC oven for easy thermal recharging.
- Maximum flow: 1L/min.

Description	qty.	cat.#
Rechargeable Molecular Sieve S-Trap, 1/8" Brass Fittings	ea.	20686
Rechargeable Molecular Sieve S-Trap, 1/4" Brass Fittings	ea.	20685



Dimensions: 6<sup>3</sup>/<sub>4</sub>" x 5<sup>5</sup>/<sub>8</sub>"  
(17.1 x 14.3 cm)

## tech tip

### Carrier Gas Purity

Carrier gas should contain less than 1ppm of oxygen, moisture, or other trace contaminants, to prevent column degradation, increase column lifetime, and decrease stationary phase bleed.

The expense of using high-purity gases in combination with carrier gas line purifiers will be offset by longer column lifetime and less GC maintenance.