

Ceramic Diffusers

Ceramic, Fine-pore, Ozone Diffusers

Ozone Supplies' fine-pore diffusers are used specifically for ozone applications. They come in several sizes to accommodate your reaction vessel & flowrate. Glass-bonded diffusers & Kynar (or SS) material ensure long life in ozone rich environments.



Features

- completely ozone resistant
- many fittings to choose
- great for laboratory or research applications
- accommodates various flowrates (see spec table below)
- easily cleaned with HCl

Product ID: **Ceramic Ozone Diffusers**
 Stock: **Yes**

Specifications

Max pore size 80 microns

flexural strength 3,500 PSI

Diffuser Material Glass-bonded Silica

Connection Material Kynar or 316L Stainless Steel

| Model # | Connection | Dimensions (LxWxH)[in] | Suggested Flow (LPM) | Price | * |
|---------|---------------------|------------------------|----------------------|----------------|-------------|
| CD-1KB | 3/16-in Kynar Barb | 0.5 x 0.5 x 1.5 | 1 | Online Pricing | Buy Online! |
| CD-3KB | 1/4-in Kynar Barb | 0.75 x 0.75 x 1.5 | 3 | Online Pricing | Buy Online! |
| CD-6KB | 1/4-in Kynar Barb | 1 x 1 x 2 | 6 | Online Pricing | Buy Online! |
| CD-6KM | 1/4-in Kynar MNPT | 1 x 1 x 2 | 6 | Online Pricing | Buy Online! |
| CD-8KB | 1/4-in Kynar Barb | 1 x 1 x 3 | 8 | Online Pricing | Buy Online! |
| CD-8KM | 1/4-in Kynar MNPT | 1 x 1 x 3 | 8 | Online Pricing | Buy Online! |
| CD-10KB | 1/4-in Kynar Barb | 1.5 x 1.5 x 3 | 10 | Online Pricing | Buy Online! |
| CD-10KM | 1/4-in Kynar MNPT | 1.5 x 1.5 x 3 | 10 | Online Pricing | Buy Online! |
| CD-10SB | 1/4-in 316L SS Barb | 1.5 x 1.5 x 3 | 10 | Online Pricing | Buy Online! |
| CD-10SM | 1/4-in 316L SS MNPT | 1.5 x 1.5 x 3 | 10 | Online Pricing | Buy Online! |
| CD-15KB | 1/4-in Kynar Barb | 1.5 x 1.5 x 6 | 15 | Online Pricing | Buy Online! |
| CD-15KM | 1/4-in Kynar MNPT | 1.5 x 1.5 x 6 | 15 | Online Pricing | Buy Online! |
| CD-15SB | 1/4-in 316L SS Barb | 1.5 x 1.5 x 6 | 15 | Online Pricing | Buy Online! |
| CD-15SM | 1/4-in 316L SS MNPT | 1.5 x 1.5 x 6 | 15 | Online Pricing | Buy Online! |
| CD-20KB | 1/4-in Kynar Barb | 1.5 x 1.5 x 9 | 20 | Online Pricing | Buy Online! |
| CD-20KM | 1/4-in Kynar MNPT | 1.5 x 1.5 x 9 | 20 | Online Pricing | Buy Online! |
| CD-20SB | 1/4-in 316L SS Barb | 1.5 x 1.5 x 9 | 20 | Online Pricing | Buy Online! |
| CD-20SM | 1/4-in 316L SS MNPT | 1.5 x 1.5 x 9 | 20 | Online Pricing | Buy Online! |
| CD-30SB | 1/2-in 316L SS Barb | 1.5 x 1.5 x 12 | 30 | Online Pricing | Buy Online! |
| CD-30SM | 1/2-in 316L SS MNPT | 1.5 x 1.5 x 12 | 30 | Online Pricing | Buy Online! |

CD-3KB In Action

This is the CD-3KB being used inside of a water tank. It is showing the full range of use.

CD-30SM In Use

The CD-30SM is a large ceramic diffuser that has a higher output capability than a smaller diffuser. With its stainless steel fitting it ensures that leaks will not be present. As you can see, it is being used in its full range of flow rates.

Color Removal Experiment

Through a simple experiment, the color removal powers of ozone used with a ceramic diffuser can be easily demonstrated.