

PHOTONICS spectra

PRODUCT SPOTLIGHT

IR filters for gas analysis

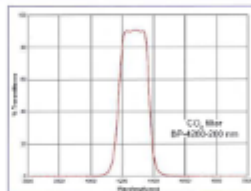
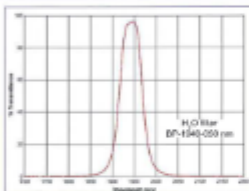


Gas analysis applications

Spectrogon manufactures infrared filters for measuring many different gases, for example: CH₄, C₂H₂, O₂, CO, CO₂, HCl, NO, NO₂, O₃, SO₂, and ammonia gases. These are successfully used in automotive, combustion, environmental, medical and power distribution industry.

Infrared filter features

The high transmission, high rejection outside the passband, fine surface quality and the coating uniformity gives our filters excellent performance.



Dimensions

Spectrogon manufactures filters and windows from Ø0.6 to Ø200.0 mm. The windows can be dished to custom-made sizes, down to as small as 1.0x1.0 mm. Thickness from 0.3 to 3.0 mm.

Substrate materials

Typical substrate materials are: Germanium, Silicon, FZ Silicon, Sapphire, ZnS and ZnSe

Production capabilities

Spectrogon has coating chambers both for small prototype runs and for high volume production.

IR Filters for Gas Analysis

Thin film filters specially designed for infrared applications ranging from environmental monitoring, thermal imaging, medical, and power distribution. We offer high transmission, narrow and wide passbands, high rejection outside the passband, and excellent coating uniformity.

Download the data sheet for more information.

[Download Now](#)

SPECTROGON
Optical filters • Coatings • Gratings

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949

© 1996 - 2020 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.



LAURIN PUBLISHING

PHOTONICS MEDIA