

Sputtered Coatings Include Longwave Infrared Optical Filters



Deposition Sciences, Inc. announced new sputtered long wavelength infrared optical coatings. The company's MicroDyn sputtering deposition platform now offers 8-micron longwave pass (LSP) and 10-micron narrow bandpass (NBP) filters with desirable blocking capabilities. The in-band transmittance levels have also been enhanced, making these thin film coatings appropriate for a variety of applications such as gas sensing and thermal imaging. The company's new process creates sputtered films that feature increased abrasion resistance relative to evaporated films. Because of the intrinsically low temperature of the sputtering process, the coatings are compatible with photoresists, enabling the filters to be patterned using standard photolithographic techniques.

Deposition Sciences, Inc.

707-573-6785, www.depsci.com [1]

Source URL (retrieved on 01/29/2015 - 12:13pm):

<http://www.ecnmag.com/product-releases/2011/12/sputtered-coatings-include-longwave-infrared-optical-filters>

Links:

[1] <http://www.depsci.com>