

# High Precision Optical Filters by ion-beam sputtering(IBS)

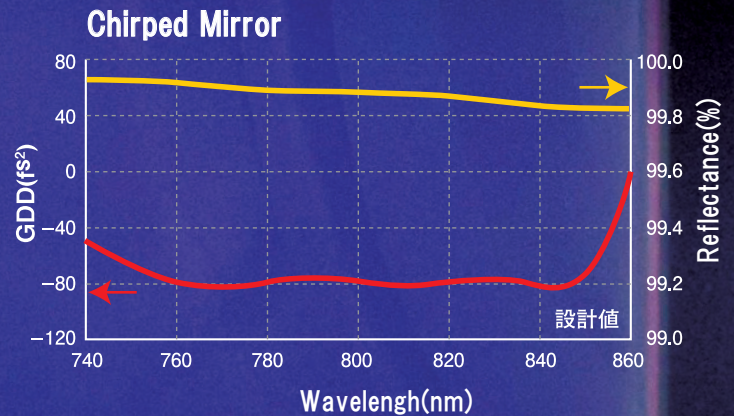
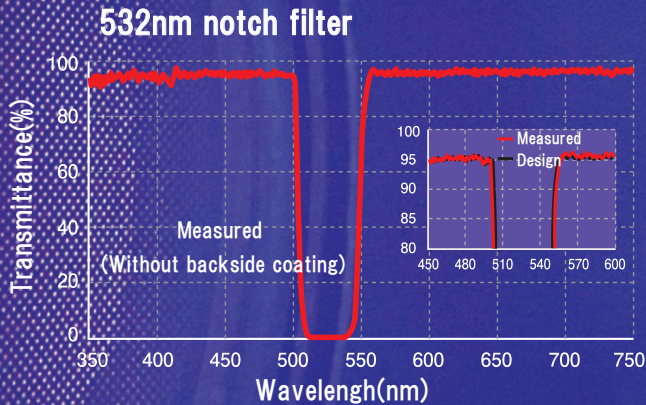
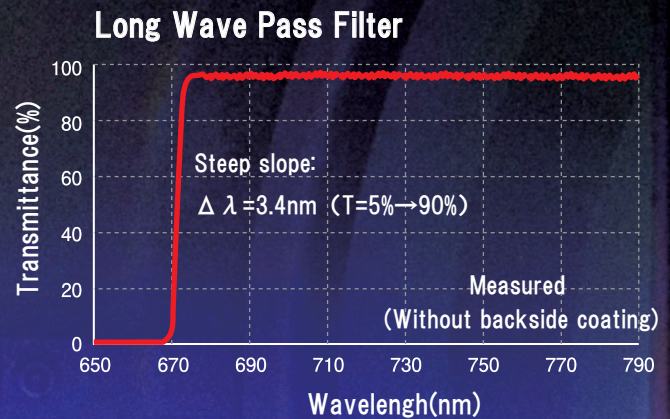
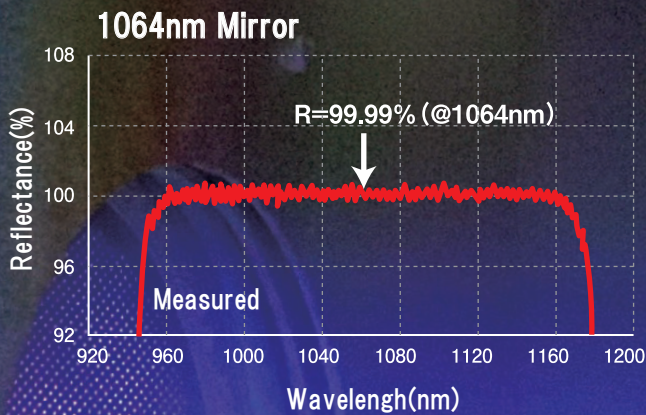
The ion-beam sputtering method deposits thin films of a target material onto the surface of a circuit board.

It demonstrates an excellent performance in multi-layer coating application because a growing film keeps its surface flat and smooth.

Taking advantage of this property, this method can produce high-precision filters demanded in the most advanced technological fields.

Application :Laser, Fluorescence spectroscopy and microscopy,  
Cavity ring down spectroscopy and so on

## 【Coating】



## 【Feature of coating process】

	Low scattering	Low absorbance	Thickness control	Mass productivity	Low temperature coating
IBS	◎	◎	◎	×	◎
IAD	○	○	○	○	○
EB	△	△	△	◎	×



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