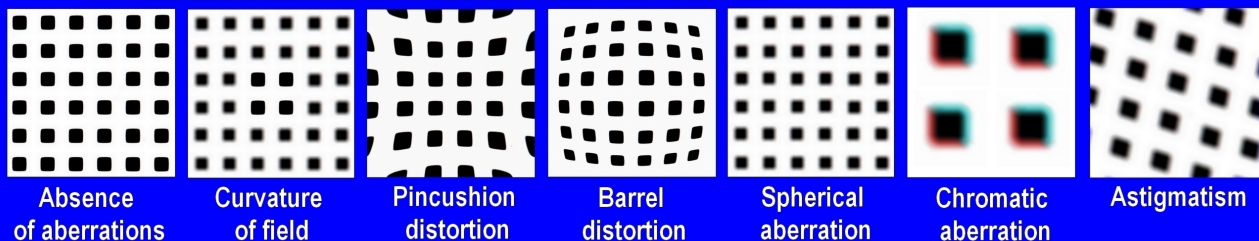


# OPTICAL ABERRATIONS DETECTOR



**It detects even the most imperceptible optical aberrations! 90.000 microscopic squares having a side of 10  $\mu\text{m}$  and 10  $\mu\text{m}$  apart! Available at [www.diatomshop.com](http://www.diatomshop.com)**

The **OPTICAL ABERRATIONS DETECTOR** is a very useful Diatom Lab microscope slide that *detects optical aberrations* - even the most imperceptible ones - in light microscopy, such as:

- *Curvature of field* (the image appears sharp and crisp in the center or on the edges of the viewfield but not both)
- *Distortion* (changes in the shape of the image): *Barrel distortion* and *Pincushion distortion*
- *Spherical aberration* (the specimen image appears hazy or blurred and slightly out of focus)
- *Chromatic aberration* (presence of color fringes at the edges of the borders)
- *Astigmatism* (the ideal circular point image blurs into a diffuse circle, elliptical patch, or line)

Thanks to this unique microscope slide, you can easily test and compare your objectives, eyepieces, condensers, phototubes, microscope cameras, and magnification changers!

This is an amazing microscope slide in the center of which there are, incredibly, *90.000 microscopic squares having a side of 10  $\mu\text{m}$  (ten micrometres or microns) and 10  $\mu\text{m}$  apart! These microscopic squares also form nine larger squares useful in case of low magnification.*

*The **OPTICAL ABERRATIONS DETECTOR** is available in two versions, for transmitted light (with cover glass and montant) and for reflected light (without cover glass.) This slide is excellent for testing macro lenses as well! Buy it at [www.diatomshop.com](http://www.diatomshop.com)*

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