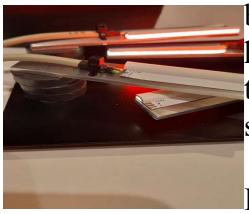
Manual for colored IGD
for stereo microscopes

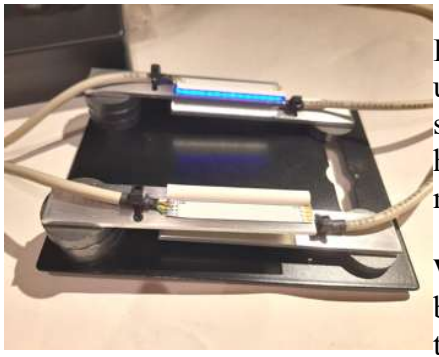
IGD stands for In Glass Darkfield, the material (on the slide) is mostly illuminated from the side.
The thickness of the material therefore determines how the microscope sees the image.
The metal background is black, so darkfield.
The IGD is built with two RGB strips, and
two C/W white strips. The control is very simple, allowing a mix of all colors. Each strip is magnetically attached to the metal plate and movable, stacking magnets provides a completely different lighting option. The strips can therefore be moved in





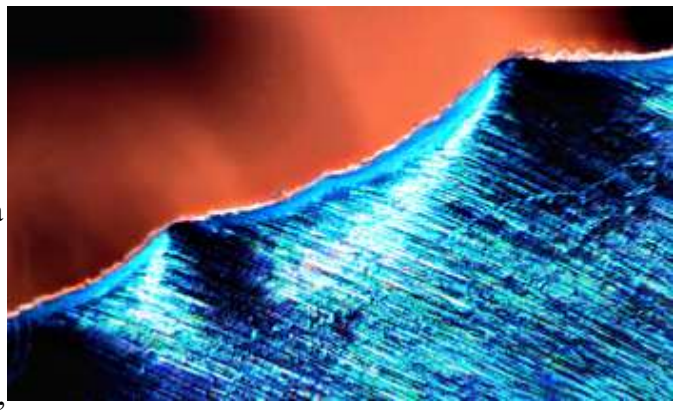
height and distance from the subject, allowing the original color or a pleasing display of the sample material.

Initial setup, Connect the IGD light modules with their connectors to the dimmer; there is one connector and socket marked. Now connect the dimmer to a working USB port (charger/PC/laptop, etc.). The set turns on with the switch, the indicator lamp lights up when on and stays off when off.
The dimmer's knobs control from 0 (and slightly below) to the maximum light output of the strips.
The switch on the dimmer does not interrupt the USB power supply.



Place the light module on the microscope base, there are rubber feet under the black metal plate, which allow the whole unit, including the specimen, to be easily moved into view. Place the specimen (in a holder, or on a slide) between the strips. You can now focus the microscope on the specimen and continue to use it as usual.

When the background of the specimen in the IGD (black) does not look nice, you can (if the specimen is high enough) place a colored background on the black plate, colored paper, a photo, a colored tree leaf, etc.



The IGD is an idea and construction by TDKK, we tried our best to combine a user-friendly design with a unique image.



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