



Infragram DIY Plant Analysis Filter Kit

by Public Lab

About Public Lab

Public Lab is not a company -- it's a community, and one which works *together* to improve open source science techniques.

This "Infragram" filter was developed in a collaboration between dozens of Public Lab community members. You are now part of that community, which means you can:

- * ask questions of others and expect to get help
- * provide help to newcomers
- * improve on and refine the techniques we use

Instructions

The filter in this envelope can be used to convert most conventional digital cameras into one which can photograph INFRARED and VISIBLE (normal) light at the same time. Read more about what that has to do with photosynthesis and plant growth here:

<http://publiclab.org/wiki/infragram>

Converting a camera requires opening it and removing its infrared-blocking filter, and replacing it with the filter included here. This usually requires small screwdrivers and some patience and steady hands, but is not that hard! Learn more about how to convert a camera by reading the online instructions at the URL above.

You are receiving 2 different filters in this pack -- that's because it remains to be shown which works better. By testing both and sharing your findings at PublicLab.org, you can help to refine this technique and contribute to the project.

BE AWARE: flash cameras contain a large capacitor -- like a battery -- which can cause dangerous shocks if you touch its wires. Use caution when opening your camera.

Once your camera is converted, you can post-process and analyze your photos with the online software at:

Infragram.org