

# Protective Hygienic Shield for Indirect Ophthalmoscope Lamp (Keeler)

**TECHNOLOGY NUMBER: 2020-460**

## OVERVIEW

A large shield specifically designed to fit Keeler ophthalmoscope lamps

- Designed to protect eye care professionals and patients
- Free, downloadable files available to enable rapid prototyping for all who need it

## BACKGROUND

University of Michigan researchers have developed a suite of hygienic shields or breath shields for use during ophthalmologic exams in order to reduce eye care professionals' risk of exposure to pathogens in breath droplets and other secretions. All designs are available for download for easy and rapid fabrication by anyone with access to a CNC machine.

This specific listing is for a hygienic shield or breath shield custom designed to fit Keeler ophthalmoscope lamps. The shield is designed to protect the eye professional from a patient's respiratory droplets and other secretions during the eye exam. The shield is made with a flexible and transparent material.

Technical drawings for the shield are available for download here in various formats to facilitate dissemination and use. The files are available for anyone to download and fabricate and/or modify, as needed, to suit their needs in these perilous times.

## ADDITIONAL DETAILS

The full set of design files for the Protective Hygienic Shield for Keeler Indirect Ophthalmoscope Lamps is offered in the public domain. The user may modify the files as needed and/or send them directly to a CNC machine for local generation of the product. The full set of design files in various formats is available for download in a .zip file. Please click the "Order Now" button to download the file.

## Technology ID

2020-460

## Category

Medical Devices

Life Sciences

## Author(s)

Lauro Ojeda

Lev Prasov

Phuoc Nguyen

Shahzad Mian

## Further information

Katherine Pollard

[kpollar@umich.edu](mailto:kpollar@umich.edu)

## Learn more

