

The IDOH laboratory seeks one fluorescent microscope equipped with a LED illuminator which meets the following criteria:

- Installed at the IDOH Laboratory at 550 W 16th St. Indianapolis, IN 46202
- Self contained into an area measuring 25” wide and 30” deep, will sit on a table
- LED Fluorescent Microscope
 - Compatible with 120v electrical
 - The appropriate adjustment knobs must be present
 - The following oculars will need to be present, more are permitted:
 - 10x, 20x, 40x
 - Tilting and telescoping trinocular
 - Only 1 set necessary, multiple users will not be using at the same time
 - Mechanical stage
 - Shutter which opens and closes
 - Adjustable eyepieces to accommodate several individuals using the microscope
 - Ability for the microscope to easily slide on a table and be adjusted
 - Ability to hold multiple filters and easily switch between, the following filters must be included with the ability to expand into at least 1 more filter (FITC Conjugate used):
 - Ex480/30 Dm505 Em515 LP (GFP-LP)
 - Ex480/30 Dm505 Em535/40 (FITC-CY2-Alex488)
 - Ability for the scope to operate independently of a computer/software
- Digital camera
 - Ability to capture photos at 17MP or higher
 - Ability to capture video
 - Ability to export video/photos to tablet/USB
 - Subscription software should not be required for camera operation
 - Compatible with Windows 11
- Tablet compatible with microscope and/or camera.
 - 13” screen or smaller
 - Windows 11 compatible
 - Have at least 1 USB-C or USB-A port
 - No required subscriptions for operation
 - Able to locally run camera/microscope software at the same time as oculars
 - Ability to share screen on larger display
 - Ability to be networked
- On site install and training to be provided

Please include maintenance fees for the estimated life of the instrument.