

Semi-motorized fluorescence microscope, 7/17

July 2017—Olympus' new BX53 microscope features an LED illuminator equivalent to a 100-watt halogen lamp that delivers outstanding brightness and true-to-life images, according to the company. The LED enables researchers to clearly see purple, cyan, and pink dyes while its consistent color temperature aims to help speed up the observation workflow, since users don't have to take time adjusting a color filter. The coded nosepiece works with the light intensity manager to automatically adjust the brightness level based on the objective being used.

For multi-head discussion setups, for example, up to 26 observation heads can be connected, and all users will see the same clear, bright image. For fluorescence applications, the integrated fly-eye lens, high-performance fluorescence filters, and the shutter, which prevents autofluorescence of the transmitted light path and improves signal-to-noise ratio, deliver even fluorescence images across the field of view.

The microscope is customizable with modular units that enable different observations and with options that include a condenser, a nosepiece, a rotating stage, objectives, and intermediate optics optimized for observation methods including polarized light, phase contrast, and fluorescence.

[Olympus](#), 484-896-5000