

Culture Microscope

CKX53

CKX3 Series



The Cell Culture Laboratory Solution

Authorized Sales Territories:

Turkey, Iraq, UAE, Qatar, Kuwait, Bahrain, Saudi Arabia, Oman, Armenia, Azerbaijan, Georgia, Turkmenistan, Tajikistan, Uzbekistan, Kazakistan, Afghanistan, Egypt, Sudan



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Ease Cell Cultivation

With improved image quality and easy handling, the Olympus CKX53 microscope delivers stable performance & efficiency for a variety of cell culture needs, including live cell observation, cell sampling & handling, image capture, & fluorescence observation.

Live cell Observation

Acquire clear, reproducible, & high-contrast images with a wide visual field, made possible by the microscope's long-life LED and iPC system. Additionally, the inversion contrast (IVC) technique provides clear three-dimensional views.

Cell Sampling & Handling

Because of its small size & lightweight design, the CKX53 microscope enables easier, more efficient cell sampling & handling in a clean bench environment. The user-friendly design & easy-to-operate holder & manual stage maximize performance & usability.

Image Capture

Equipped with a standardized camera port, the microscope can be optionally paired with an Olympus camera, allowing users to quickly obtain clear images in brightfield illumination, phase contrast, inversion contrast, & fluorescence imaging modes.

Fluorescence Observation

During fluorescence observation, a wide range of fluorescence dyes can be used by changing the microscope's mirror unit. With the mirror unit's increased filtering ability, high-contrast fluorescence images with a high S/N ratio can be reliably obtained even when fluorescence is relatively weak. In addition, the microscope's LED & LDP light source enable clear, bright fluorescence observation.

Brightfield

This package features brightfield objectives (4X & 10X) and is used for observing stained samples e.g., protoplasts, other plant parts, plankton, and similar specimens.

Phase Contrast Standard

This package features brightfield objectives (4X, 10X, 20X, and 40X) and the manual stage (CKX3-MVR). It is useful not only for observing the condition and activity of transparent live cells, but also for observing detailed structures within the cells.

Phase Contrast Entry

This package features brightfield objectives (4X, 10X, and 20X) and is used for observing the condition and activity of transparent live cells.

Fluorescence

This package features and LED and LDP light source (U-LGPS) and fluorescent illuminator, as well as phase contrast objectives (4X, 10X, 20X, and 40X) and the manual stage (CKX3-MVR).

