



## EX20 series biological microscope

- EX series microscope has an advanced design, stable, safety and efficient. which makes the operators to use the microscope more simple.
- This microscope can also be used with many accessories to realize bright field, simple polarization, dark field, phase contrast. Which has excellent cost-performance.
- This microscope can be used in variety of biological applications, such as teaching and laboratory.

## Specifications

|                     |  |
|---------------------|--|
| Optical system      | Infinity achromatic optical system   |
| Observation tube    | Binocular head, 30° inclined, 54~75mm interpupillary distance  |
|                     | Trinocular head, 30° inclined, (with 0/100 or 20/80 light splits)  |
| Eyepiece            | High eyepoint widefield plan eyepiece PL10X/18mm, with ±5 degrees diopter control  |
|                     | High eyepoint widefield plan eyepiece PL10X/20mm, with ±5 degrees diopter control  |
| Objective           | Infinity plan achromatic objective<br>4X, 10X, 20X, 40XS, 100XSO   |
| Nosepiece           | Backward quadruple nosepiece   |
|                     | Backward quintuple nosepiece   |
| Focusing adjustment | Coaxial coarse and fine focusing adjustment, with limited and tension adjustment. coarse adjustment range: 25mm, fine adjustment precision: 0.002mm. |
| Stage               | coaxial mechanical stage in 140X132mm size and 76×50mm travel range.   |
| Condenser           | Koehler N.A. 1.25 condenser (with socket for phase contrast and dark field sliders)  |
| Illuminator         | Main supply 100V-240V, 3 watt LED lamp with intensity control (fixed center)   |
|                     | Main supply 100V-240V, philips 6V/20W halogen lamp with intensity control (fixed center)   |
| Photography adapter | 3.2x photo eyepiece, photo tube (with PK mount)  |
| Video adapter       | 0.35X CTV  |
|                     | 0.5X CTV   |
|                     | 1.0X CTV   |

Other options

Phase contrast sliders for condenser ( use with phase contrast objective )

Dark field slider for condenser

Simple polarization (with analyser and polarizer)