

# B-380 Series

Upright Laboratory Microscopes



Revolutionary. Reliable.

## Upright Laboratory Microscopes

# B-380 Series

This NEW SERIES, with its easily accessible controls, including the stage drive, fine focus and brightness control combined with Optika's revolutionary ALC system grants maximum comfort and relaxed working conditions.





## B-380 Series



### **Optical system & objectives:**

The models of the B-380 series are equipped, depending on the version, with two different types of optical systems: the standard 160mm one and the infinity corrected system (IOS). In both cases the field diameter of the eyepieces is 20mm.

### **Microscope stand:**

Modern and ergonomic, this stand is made of die-cast aluminium. Coarse and fine focusing (graduation: 0.002mm) with coaxial control knobs. Adjustable focusing tension and limit stop.

### **Heads:**

Available in binocular or trinocular version. The heads are equipped with interpupillary distance adjustment (55-75 mm) and with dioptic compensation. All heads are 360° rotatable and 30° inclined.

### **Illumination:**

The illuminating system consists of X-LED source. The brightness can be adjusted by a rheostat located on the left side of the microscope base.

# ALC - Automatic Light Control

The level of light is adjusted by the microscope in order to maintain the same level as the one the user has chosen, no matter if the aperture of the diaphragm changes, another objective is inserted, opacity of the sample changes, etc.



## B-382PLi-ALC

Optika brings you in a revolutionary world where **MICROSCOPY** and **TECHNOLOGY** are a unique thing.



### **Anti-fungus treatment:**

The treatment applied to the eyepieces and objectives, protects quality of optical parts even in high humidity conditions

### **Belt drive stage**

A belt drive system is used for XY movement of the stage.

**This revolutionary system matches safety requirements and ergonomic standards.**

### **Move the specimen easily**

Focusing knob and stage handle are low-positionated and equidistant from operator, granting an easy reach operation in natural posture.



### **Easy transportation**

B-380 series is easily portable, with comfortable handgrips at the back of the frame

High reliability.  
Easy to operate.  
Innovative solution.

## EXCEPTIONAL OPERABILITY

Innovative design.  
Strategic positioning of the main controls.  
Ergonomy and comfortable use.

## DURABILITY

High quality of the mechanical parts.  
Long lifetime and powerful X-LED.  
Anti-fungus treatment of the lenses.



## HIGH-QUALITY IMAGES

Excellent optical equipment.  
State of the art LED illumination concept.  
Numerous possible settings.

## VERSATILITY

Variety of models available.  
Multiple configurations for the most different applications.  
Wide choice of accessories.

# B-380 Range

## *Standard versions*

- B-382PL-ALC** Binocular microscope, **Automatic Light Control.**
- B-383PL** Trinocular microscope.
- B-382PLi-ALC** Binocular microscope, **IOS objectives, belt drive stage, Automatic Light Control.**
- B-383PLi** Trinocular microscope, **IOS objectives, belt drive stage.**
- B-382PH-ALC** Binocular microscope, **phase contrast, Automatic Light Control**
- B-383PH** Trinocular microscope, **phase contrast.**
- B-382PHi-ALC** Binocular microscope, **phase contrast, IOS objectives, Automatic Light Control.**
- B-383PHi** Trinocular microscope, **phase contrast, IOS objectives, belt drive stage.**

## *Special versions*

- B-383FL** Trinocular **fluorescence microscope, HBO**, B&G filtersets.
- B-383LD1** Trinocular **fluorescence microscope, LED**, B filterset.
- B-383LD2** Trinocular **fluorescence microscope, LED**, B&G filtersets.
- B-383MET** Trinocular **metallurgical microscope**, PL IOS objectives
- B-383POL** Trinocular **polarizing microscope**, E-PL IOS POL objectives



## Special Versions



**B-383LD1**

Trinocular fluorescence microscope, LED, B filterset.



**B-383MET**

Trinocular metallurgical microscope, PL IOS objectives.



**B-383FL**

Trinocular fluorescence microscope, HBO, B&G filtersets.



**B-383POL**

Trinocular polarizing microscope, E-PL IOS POL objectives.

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