



COMPACT BIOLOGICAL MICROSCOPE



iOX 300 (Nx)

ACCURATE AND RELIABLE

Using for experiments, testing, and scientific research

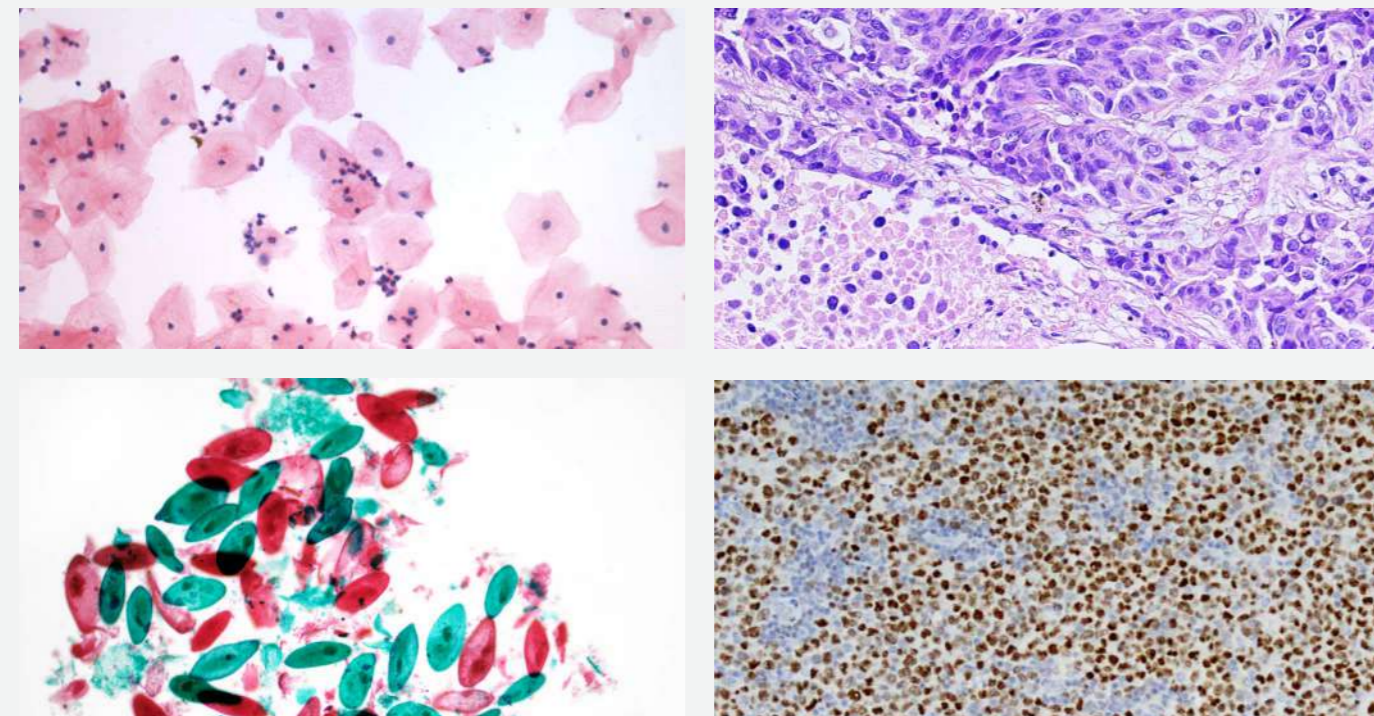
Plan achromatic objective

iOX series plan achromatic objective provide excellent chromatic aberration correction capabilities and flatness of field of view. High numerical aperture and long working distance, High imaging definition and wide-range application. Restore the true color and realize accurate observation for samples.



20mm wide field of view

Equipped with 20mm F.O.V tube and eyepiece, which could browse samples faster and improve work efficiency compared with old model 18mm F.O.V.



SIMPLE AND INTUITIVE

Optimize human-computer interaction, strengthen friendliness for beginners

Comfortable and safe focus knob

Low position focus knob design, different areas on the specimen slide can be easily explored while resting your hands on the table, with adjustable torque could improve comfort. iOX 300 (Nx) is equipped with a stopper that can be used to set the upper limit of the stage height, the stage stops at the set height even when the focus knob is turned, thereby eliminating the risk of over-focusing and breaking the slides or damaging the objectives.



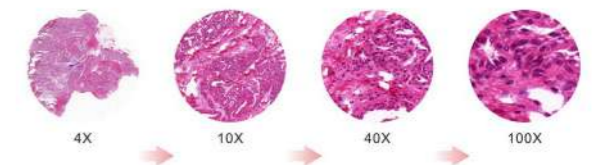
Smart design

Beginners might be hurry-scurry to perform magnification switching, brightness adjustment, color temperature adjustment during microscope observation, iOX 300(Nx) simplifies these repetitive mechanical operations and displays status on the LCD to improve work efficiency and provide comfortable user experience.



Maintains comfortable brightness when switching magnifications

iOX 300(Nx) features intelligent Light Intensity Management which automatically remembers and sets the light intensity level for each objective, with this function, users can increase comfort and save time when the routine requires frequent magnification changes.



SYSTEM OVERVIEW



1 iOX 300(Nx)microscope

Field of View 20mm;
Quadruple nosepiece;
Microscope status display;

2 Eyepiece

10X/20 plan eyepiece, with wider range of observation

3 Viewing head

Seidentopf binocular head
Seidentopf trinocular head
Integrated digital viewing head

4 Nosepiece

Quadruple nosepiece, provide smooth and seamless operation

5 Stage

Rectangular stage, there is no protruding on the left and right side of stage, so the operation could be more smooth and more suitable for beginners

6 Condenser

Inserted condenser NA1.25 with adjustable aperture, which could straightly set the best position of aperture diaphragm. Color-coded position guide markings of aperture diaphragm is corresponding to objective magnifications

7 Right-hand coarse and fine adjustment

Coaxial coarse and fine adjustment, equipped with focus knob torque adjustment ring, adjust the first wheel torque of coarse and fine adjustment, stress-free operation is suitable for long-time microscope operators.

9 Status display

LCD is located at the front of microscope, gently lower the head you can see the microscope status including magnification,brightness,color temperature,stand by status are shown on the Status display.

8 Left-hand coarse and fine adjustment

Equipped with stage vertical movement stopper, thereby eliminating the risk of over-focusing and breaking the slides or damaging the objectives.

10 Wire wrapping device

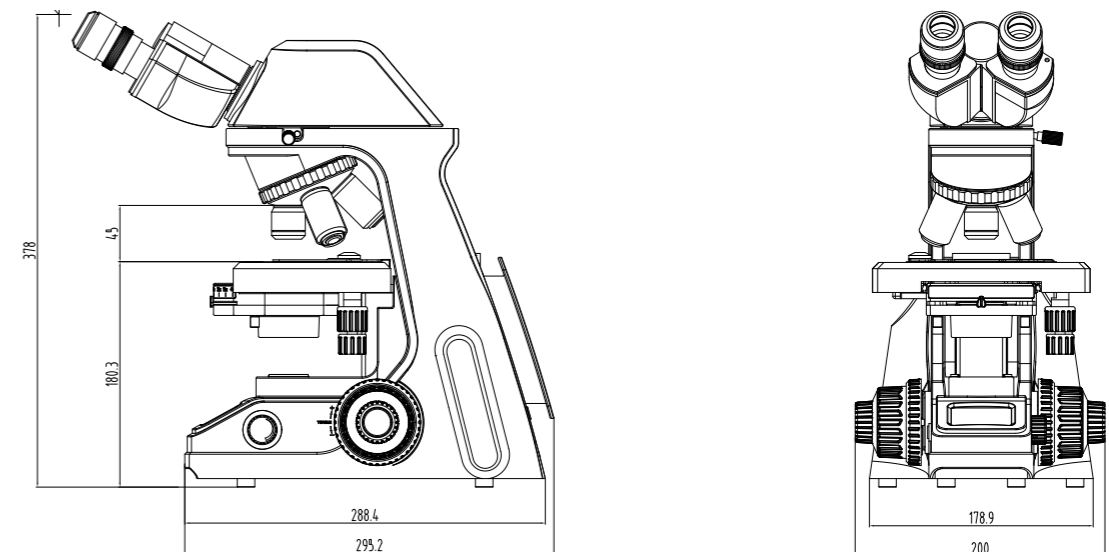
Its back board is designed with a hub device, which effectively accommodates excessive long power cords and improves cleanliness of the laboratory. At the same time, it also reduces trip accidents caused by excessive long power cords during transportation.

MICROSCOPE SPECIFICATION

Main body	iOX 300(Nx) Bino	iOX 300(Nx) Trino	iOX 300(Nx) Digital
Optical system	ininity optical system		
Illumination	High luminescent white 3W LED illuminator		
Display	LCD display magnification, time sleeping,brightness indication and lock,etc.		
Eyepieces (F.O.V., mm)	WF10X/20,With diopter adjustment		
Tubes	Seidentopf binocular tube	Seidentopf trinocular tube	Integrated digital viewing tube
Nosepiece	Reversed-type quadruple nosepiece(coding)		
Stage	Rectangular mechanical stage 180mm X 130mm, with specimen holder, with vernier calibrations, moving range: 74 mm x 30 mm		
Objectives	Plan Achromat 4X Plan Achromat 10X Plan Achromat 40X Plan Achromat 100X		
Condenser	Inserted condenser NA1.25		
Observation method	Brightfield		

DIMENSION FIGURE

(Unit: mm)



i7 Opto Electronics Inc.

www.infinityoptic.com

www.infinitymicroscopes.com

