



A14.0900

Inverted Microscope



To ensure the safety and obtain satisfactory performance, please study this instruction manual thoroughly before start to use the instrument.

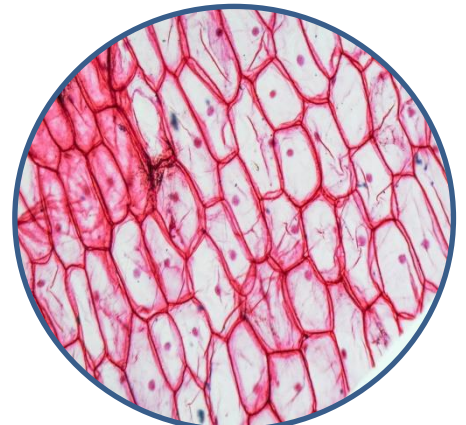
Product Details

A14.0900-A Binocular Head



The Whole Condenser Body Can be 360 Degree Rotated Round Light Bracket, For Easy Use Ultra-High Culture Bottles and Variety of Sample Container

**A14.0900-B Inverted Microscope,
Trinocular Head,
With Koehler Illumination**





A14.0900 Inverted Microscope, Koehler Illumination

Built-in Kohler illuminator, The Condenser Bracket Can Be Rotated 30 Degree, Swivel Bracket With The Orientation and Locking Device, With Iris Diaphragm and The Center of Filament Can be Adjusted N.A.0.3 Working Distance 72mm, for 4x- 40x Objectives N.A.0.5 Working Distance 28mm, for Higher Magnification Objectives



Large Plate Stage Special Material Made, Particular Craftwork, Wearable & Resisting Cautery, Can Mount Extension Plate.



Reversed Quintuple Nosepiece, Excellent Design And Very Easy And Comfortable To Operate.



Attachable mechanical stage

Moving range: 120x78mm. It can clamp types of standard cell culture plates. With the help of related accessories, it could be used to move the dish, flask, slide and so on.

Wide-field plan eyepiece

New designed high eye -point wide-field plan eyepiece PL10X/22, has a full bright diagram without chromatic circle. International popular 22mm field of view is convenient for target seeking and counting.



Phase Contrast Accessories

Select a matching phase contrast slide on the basis of the chosen illuminator. With the phase contrast objectives, phase contrast observation can be realized. Thus you can acquire a better it is better image contrast than the bright field. The cell image is with a strong sense of relief. You can use it to do a more detailed observation on those component parts of colorless transparent cells.



Digital Camera Adapter

Microscopy image can be output to monitor or computer by connecting the Trinocular tube and camera device. Then image analysis, processing, storage and transmission would be available.



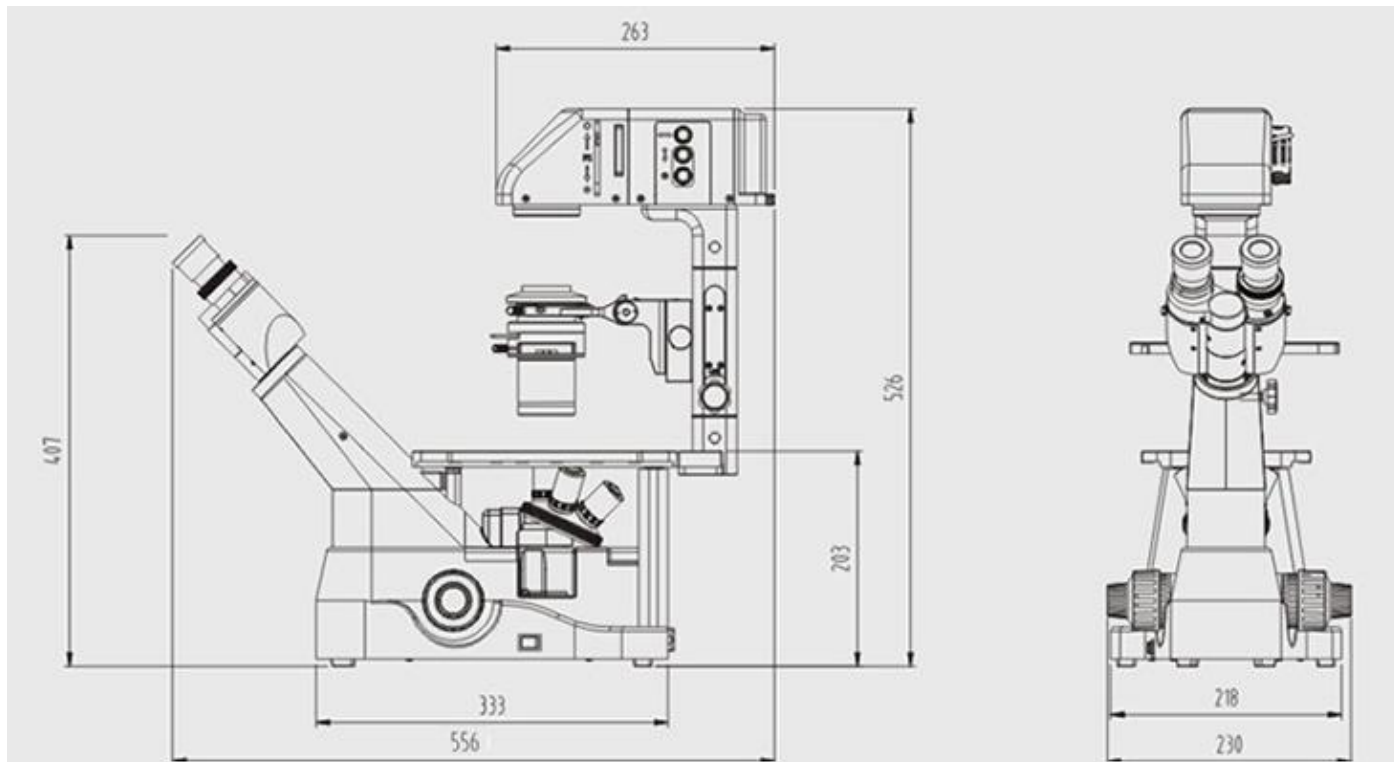
LPLAN series long working distance plan infinity color corrected objectives, designed for living-cells culture in laboratory, clear image, good contrast, and also have a good performance under fluorescence observation.

LPLAN PH series long working distance infinity phase contrast objectives. In addition to the realization of the bright field observation, the phase contrast observation function has been developed to make the view showing a sense of relief and a substantial increase in image contrast and resolution.

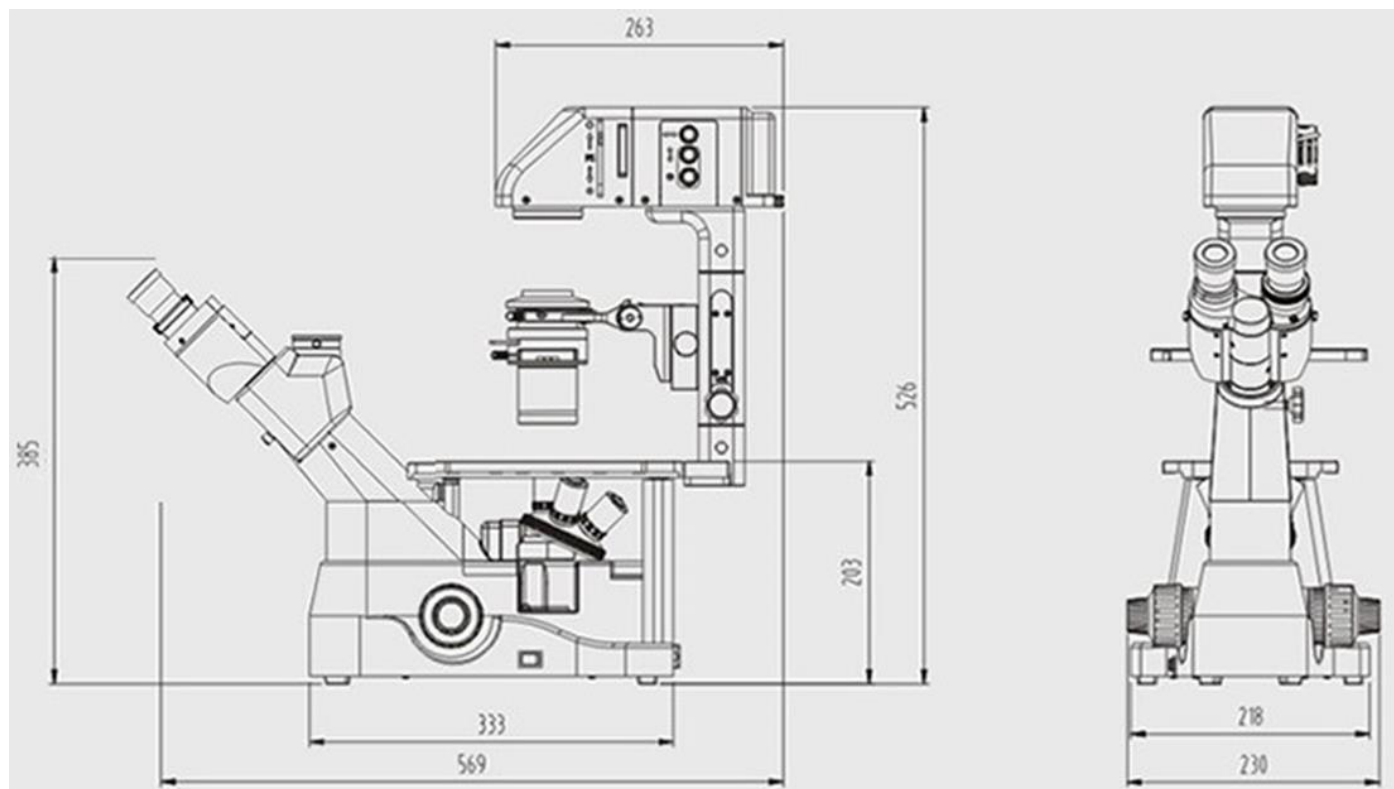
Series	Magnification	N.A.	W.D.	F.N.	Cover Glass Thickness	Immersion	Spring
Lplan Series(PH)	Lplan4x	0.1	22	22	1.2	/	/
	Lplan10x	0.25	7.94	22	1.2	/	/
	Lplan PH10x	0.25	7.94	22	1.2	/	/
	Lplan20x	0.4	7.66	22	1.2	/	/
	Lplan PH20x	0.4	7.66	22	1.2	/	/
	Lplan40x	0.6	3.71	22	1.2	/	/
	Lplan PH40x	0.6	3.71	22	1.2	/	/

Product Size (mm)

A14.0900-A System Size



A14.0900-B System Size



Product Specification

A14.0900 Inverted Microscope			A	B
Optical System	Infinity Color Corrected Optical System		●	●
Head	Binocular Head		●	
	Trinocular Head, Light Split Switch E100:P0/E80:P20			●
	Gemel Viewing Head, 45 Degree Inclined, Interpapillary Distance 54-75mm, One eyepiece tube with ± 5 Diopter Adjustment,		●	●
Eyepiece	PL10x/22mm, High Eyepoint, Wide Field		●	●
	PL15x/16mm, High Eyepoint, Wide Field		○	○
Nosepiece	Reversed Revolving Quintuple Nosepiece		●	●
Objective	Long Working Distance Infinity Plan Achromatic Objectives	LWDPL 4x/0.10, W.D.=22mm	●	●
		LWDPL 10x/0.25, W.D.=7.94mm	●	●
		LWDPL 20x/0.40, W.D.=7.66mm	○	○
		LWDPL 40x/0.60, W.D.=3.72mm	●	●
	LWD Infinity Plan Phase Contrast Objectives	LWDPL 10x/0.25, W.D.=7.94mm	○	○
		LWDPL 20x/0.40, W.D.=7.66mm	●	●
		LWDPL 40x/0.60, W.D.=3.71mm	○	○
Stage	Fixed Stage Size 250*160mm, Slider Clips		●	●
	Glass Plate		●	●
	Metal Plate		●	●
	Petri Dish Holder, Dia.35mm		●	●
	Movable Ruler, Travel Range 120x78mm		○	○
	Extension Plate		○	○
Focusing	Coaxial Coarse & Fine Focusing System, Working Distance Of Every Circle: 38mm/Coarse Focus, 0.2mm/ Fine Focus, Minimal Read 0.002mm/,With Tension Adjustment, With Safety Stop		●	●
Condenser	N.A.0.3 Kohler Illumination Condenser, with Phase Adjustable Slide Plate, Long Working Distance 72mm. The Whole Set Can Be Rotated Down		●	●
	N.A.0.5 condenser for option, dismountable		○	○
Phase Contrast	Phase Contrast Plug-board for 10x-40x, Center Adjustable		●	●
	Centering Telescope Dia. 30mm		●	●
Filter	Dia.45mm Green Interference Filter		●	●
	Dia.45mm Color Temperature Change Filter		●	●
	Dia.45mm Infrared Eliminate Filter		○	○
	Dia.45mm Rubidium Glass Filter		○	○
Light	Kohler Illumination, With Iris Aperture and Field Diaphragm, 6V/30W Halogen Bulb, Center And Focus Adjustable, Brightness Adjustable		●	●
Photo Adapter	Photo Tube(with PK adaptor), 3.2x Lens		○	○
Video Adapter	0.5x/0.67x C Mount Adaptor		○	○
Power	Wide Voltage 90-240V		●	●

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Opto-Edu (Beijing) Co.,Ltd.

F-1501 Wanda Plaza, No.18 Shijingshan Road, Beijing 100043, China

Skype: xincnoec Wechat : xincnoec

QQ:3004603361 Email: sale@cnoec.com

Tel: 0086 10 88696020 Mobile: 0086 13911110627

