YINGTAI INSTRUMENT

The TL 36 Series of Biological Microscope



*** Optical system:** equipped with infinite flat field optical system, the whole machine mildew prevention design and large field eyepiece, with beautiful appearance, clear imaging, broad vision, convenient operation and other characteristics, can be widely used in biology, medicine, industry, agriculture and other fields, is the ideal instrument for medical, teaching, scientific research and other units

*** Observation head device:** the cylinder can rotate 360 degrees, the displacement of the center of the mirror is 0.06mm; 30 tilt; the hinge type binocular observation (the magnification difference between left and right systems is 2.0%; the end position difference is 0.1mm at zero vision) and the third party connection port, the pupil distance adjustment range is 50-75mm, the fixed observation cylinder head is internal hexagon screw or select portable screw.

*** Eyepiece configuration:** random eyepiece WF10X / 22mm; the magnification accuracy of eyepiece shall not exceed ± 2%. There is a card slot on the eyepiece tube to lock the eyepiece to prevent falling. Binocular vision is adjustable, making binocular observation easier;

*** Objective:** Broadband coated ED-N195 pure copper infinite remote flat field achromatic objective; objective magnification accuracy not exceeding ± 5%; 4X, 10X, 40X (spring), 100X (spring, oil); objective error 10-40 Aim 0.06mm; 40-100 Aim 0.03mm

*** Loading platform:** triangular rail XY composite mechanical moving loading platform; 0.005 lateral to 5N horizontal force, corrosion resistance and wear resistance. Rectangular, size 190X140mm, stroke 6090mm, minimum read value 0.1 mm.

www.cn-centrifuge.com **vivian.chow@cn-centrifuge.com**

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Parameter of microscope

Specification configuration	TL36A	Binocular observation head, 45° tilt, 360 degrees can be rotated, pupil distance can be adjusted, adjustment range 50-75mm
	TL36B	Three-eye observation head, 45° tilt, 360 degrees can be rotated, pupil distance can be adjusted, adjustment range 50-75mm.
	TL36M	Three-eye viewing head with 6.3 megapixel imaging system CMOS camera
	TL36P	Three-eye viewing head, equipped with 10.1 inch integrated flat panel display
Eyepiece	Wide-angle eyepiece WF10X,field of view 22mm,optional WF16X,WF25X	
Converter	Quadruple Revolving converter	
0bjective	Flat field achromatic objective at infinite distance,4X,10X,40X,100X(oil)	
Condenser	ABBE N.A.1.25Condenser with Iris Diaphragm &Filter	
Stage	Double Layer Mechanical Stage, Size1190X140mm, Moving Range : 60mmx90mm	
Focusing	0.02mmCrude motion, micromotion and coaxial focal adjustment system with a minimum focal range of 0.02mm Coarse and Fine Focusing	
Light source	3W LED,with Rechargeable Battery,Type C USB cable	
Attachments	Dust bag,Type C power cord	

Real Effect

