



INSPECTION MICROSCOPE

Stereo Zoom Microscope

Product Information

Stereo Zoom Binocular Microscope *SZ2 Series*

TECHNICAL SPECIFICATION



Model : PT-8201

The SZ2 Series Model PT8201

SZ2 series zoom stereo microscopes is newly, fully coated optical system sharp and clear images with extremely good flatness and contrast. The images are brighter and more distinct even as the periphery of the field of view. With their large zoom range and long-working distance, these are ideal for high-magnification, high-resolution observation in biological research, precision-oriented semiconductor and other industries.

It widely used in the various applications, such as assembly and inspection industries, educational clinical and research purposes. The microscope come with standard super wide field, high eye point WF10X Eyepiece, enable observation over a wide area and are convenient for operators who wear glasses.

General Technical Specification
Zoom Range: 0.67x – 4.5x
Zoom Ratio: 1:6.5
Total Magnification:6.7-45X (with10x eyepiece)
Working Distance: 100mm
Field of View: 4.9-23.8mm
Binocular Tube: Inclined 45° or 60° inclined
Both Diopter Adjustment: ±5 Diopters
Binocular Body: Ability to rotate 360°
Auxiliary Lenses: 1X (standard)
Eyepiece: 10x (I Pair)
Illumination: Fiber Optic, LED or Fluorescent

Features.

- Excellent 3D images with high resolution
- Supreme quality microscope
- Wide range of light guide
- Different Type of Working stand available



Model Available	Type of Accessory Available*
<p>PT-8201 Binocular Stereo Zoom Microscope PT-8202 Trinocular Stereo Zoom Microscope</p>	<p>PT-8203 Track stand with coarse focus (Fan type) PT-8204 Track stand with fine & coarse focus PT-8205 Track stand with coarse focus PT-8206 Black Base 200mm x 300mm PT-8207 Black Base 300mm x 300mm</p> <p>PT-8208 Auxiliary lens 0.3x PT-8209 Auxiliary lens 0.4x PT-8210 Auxiliary lens 0.5x PT-8211 Auxiliary lens 0.75x PT-8212 Auxiliary lens 1.5x PT-8213 Auxiliary lens 2.0x PT-8214 Dust Lense</p> <p>PT-8215 WF10x, Eye Piece FN 22mm PT-8216 WF10x, Eye Piece FN 22mm with reticule PT-8217 WF15x, Eye Piece FN 19mm PT-8218 WF20x, Eye Piece FN 16mm PT-8219 WF25x, Eye Piece FN 11.5mm</p> <p>PT-8220 Customized Base as per requirement PT-8221 1/3" CCD Adaptor PT-8222 1/2" Photo Coupler</p> <p>PT-1101 Fiber Optic Illuminator light source (white) PT-1102 Fiber Optic Illuminator light source (black) PT-1116 Fiber optic Ring Guide PT-1301 LED ring illuminator PT-1302 LED ring illuminator PT-1303 LED ring illuminator (Quadrant Control) PT-1304 LED ring illuminator (Area Control) PT-1401 Fluorescent Ring illuminator PT-1402 Fluorescent Ring Replacement Lamp for #1401</p> <p>PT-8901 Manual stage 300x250mm PT-8902 Manual stage 300x250mm with backlight PT-8903 Manual stage 75x56mm with backlight</p> <p>PT-9101 1/2" CCD Color Camera PT-9102 1/3" CCD Color Camera PT-9201 1.3 Mega Pixel Digital Camera PT-9301 CCD Camera Power Supply PT-9401 Camera Cable BNC Length: 2m PT-9402 S-Video Cable Length: 2m</p> <p>*Kindly Specify the type of range require when ordering</p>



TECHNICAL SPECIFICATION

		
<p>Model : PT-8201 Binocular Series</p>	<p>Model: PT-8202 Trinocular Series</p>	<p>Mode: PT-1101/1116 Fiber Optic Ring Illuminator</p>
		
<p>Model: PT-8203 Track Stand with Coarse focus</p>	<p>Model: PT-8204 Track Stand with Fine & Coarse focus</p>	<p>Model: PT-1301/1302/ 1303/1304 LED Ring Light</p>
		
<p>Model: PT-8206/8207 Large Working Base 200/300 x 300mm</p>	<p>Model: PT-8215-8219 Eye Piece</p>	<p>Model: PT-8208-8213 Auxiliary Lenses</p>



		
Model: PT-9101 1/3" CCD Camera	Model: PT-9102 1/2" CCD Camera	Model: PT-8205 Track Stand with Coarse Focus
		
Model: PT-1401 Fluorescent Ring Light	Model: PT-1402 Replacement Lamp	Model: PT-9201 1.3 Mega Pixel USB2.0 Digital Camera
		
Model: PT-8901 Manual stage 300x250mm travel	Model: PT-8902 Manual stage 300x250mm travel With backlight	Model: PT-8903 Manual stage 75x56mm travel With backlight



Product Information

OPTICAL SPECIFICATIONS TABLE									
Eyepieces	10x		15x		20x		25x		
Auxiliary Lens	Mag	FOV (mm)	Mag	FOV (mm)	Mag	FOV (mm)	Mag	FOV (mm)	Working Dist. (mm)
0.3	2x-13.5x	114-17	3x-20.3x	84-13	4x-27x	69-10.3	5x-33.8	74-11	287
0.4	2.7x-18x	86-13	4x-27x	63-9	5.4x-36x	52-7.7	6.7x-45x	56-8	217
0.5	3.4x-22.5x	69-10	5x-33.8x	51-7	6.7x-45x	42-6.2	8.4x-56.3x	44-6	177
0.75	5x-33.8x	45-7	7.5x-50.6x	34-5	10x-67.5x	28-4.2	12.6x-84.4x	30-4.4	117
1	6.7x-45x	34-5	10x-67.5x	25-3.7	13.4x-90x	21-3.1	16.8x-112.5x	22-3.3	100
1.5	10x-67.5	23-3.4	15x-101.3x	17-2.5	20.1x-135x	14-2.1	25.1x-168.8x	15-2.2	47
2	13.4x-90x	17-2.5	20.1x-135x	13-1.8	26.8x-180x	10-1.5	33.5x-225x	11-1.6	26

*FOV – Field of view

Special Bundle Package

SZ2 series Bundle Pack A:

Binocular PT8201 + Track Stand PT8205 + Area Control LED Ring Light PT1403:

Note: Come with standard 10X eyepiece with magnification range from 6.7x-45x.

For More Information

For more information on our products and services, kindly send an E-mail to sales@pinnacletech.biz

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