

MEDICAL CARE

CRIME LABS

CLEAN ROOMS

ELECTRONICS

FULL SPECTRUM LIGHTING



## Pro-Zoom Stereo Zoom Microscope

- ESD Safe
- Stainless Steel Ball Bearing Arm
- 1.0 - 6.5x Metal Pod
- Extra Large Eyepieces (28mm top glass/23mm FOV) for Increased Fields of View, and Operator Comfort
- .5x Auxiliary Lens Included (195mm working distance)
- Magnification Range of 2.5 - 390x
- Increased Magnification with Increased Working Distances
- Ergonomic Design for Maximum Comfort, Safety, and Productivity
- Rigid Assembly and Inspection Standards
- Five Year Limited Warranty



TKPZ-F



**O.C. White Co.**  
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# Technical Specifications

Power Requirement	<b>120v Fluorescent Ring Light (230 volt available)</b>
Color	<b>Black and Crème</b>
ESD Safe	<b>Yes</b>
Microscope Construction	<b>Cast Aluminum body with Quality Brass/Nylon Internal Mechanics</b>
Microscope Configuration	<b>1.0 - 6.5x Pod with 45° Eyepieces</b>
Magnification Range	<b>Magnification Range of 2.5 - 390x (with optional accessories)</b>
Eyepieces	<b>Extra Large 28mm (23mm FOV) 10x Eyepieces included</b>
Auxiliary Lenses	<b>.5x lens included (others available)</b>
Light Source	<b>Micro-Lite® FL1000-150 High Output Fluorescent Ring Light</b>
Bulb Type	<b>Fluorescent Ring</b>
Light Intensity	<b>High/Low (Fully Variable Also Available)</b>
Replacement Bulb	<b>Only use Micro-Lite® FL150 High Output Bulb</b>
Base Style	<b>Heavy Duty Weighted Base with Double Ball Bearing Arm</b>
Warranty Period	<b>5 Year Mechanical; 2 Year Electrical</b>

## Technical data:

Eyepiece	Objective	Main body	With 0.5X objective	With 0.7X objective	With 1.5X objective	With 2X objective
		1X~6.5X	0.5X~3.3X	0.7X~4.6X	1.5X~9.8X	2X~13X
10X	Total magnification	10X~65X	5X~32.5X	7X~46X	15X~98X	20X~130X
	Diameter of visual field(mm)	Φ23~Φ3.5	Φ46~Φ7	Φ32.9~Φ5	Φ15.3~Φ2.3	Φ11.5~Φ1.8
15X	Total magnification	15X~97.5X	7.5X~48.8X	10.5X~69X	22.5X~147X	30X~195X
	Diameter of visual field(mm)	Φ17~Φ2.6	Φ34~Φ5.2	Φ24.3~Φ3.7	Φ11.3~Φ1.7	Φ8.5~Φ1.3
20X	Total magnification	20X~130X	10X~65X	14X~92X	30X~196X	40X~260X
	Diameter of visual field(mm)	Φ14~Φ2.2	Φ28~Φ4.2	Φ20~Φ3.1	Φ9.3~Φ1.4	Φ7~Φ1.1
30X	Total magnification	30X~195X	15X~97.5X	21X~138X	45X~294X	60X~390X
	Diameter of visual field(mm)	Φ9~Φ1.4	Φ18~Φ2.7	Φ12.9~Φ2	Φ6~Φ0.9	Φ4.5~Φ0.7
Working distance(mm)		118	195	145	50	35

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