

## ProZoom<sup>®</sup> SZ-4.5

*Industry Standard Performance...  
O. C. White Value*

**ProZoom<sup>®</sup> SZ-4.5 is the Industry Standard for High Precision and Long Service Life.**

The ProZoom<sup>®</sup> SZ-4.5 Stereo-Zoom Binocular Microscope family combines durability, low cost and performance. With magnification and performance on par with much more expensive microscopes, it can be adapted for most industrial needs.



TKSZ-LV2

### OUR MOST POPULAR

Standard in this system is our silky smooth precision-glide ball bearing arm base assembly, and our heavy duty weighted base.

Combining all of the optical features above with this rock solid base assembly and our **Micro-Lite<sup>®</sup>** LED ring illuminator... and you have a package that is perfectly suited for any inspection task.



### FEATURES:

- 7–45x Standard Magnification Range
- 3.5–225x Available with Options
- Extra Large 22mm 10x Eyepieces for Ergonomic Comfort
- .5x Objective Lens Included at No Charge (a \$125 VALUE)
- 90–250mm Working Distance
- ±5 Diopter Adjustable Eyepiece Tubes for Clarity
- Eyetube Inclination of 45°
- Easy 360° Main Body Rotation
- Built with ESD Safety Construction Protocols and Materials
- 5 Year Mechanical Warranty... **Best in the Business!**

#### Laboratory Base for Limited Space

This package is perfect for any user who has limited installation space, or does not require the vertical adjustability our other bases offer. 7–45x is standard and available with a choice of illuminators (shown with Micro-Lite<sup>®</sup> LED ring light).

TKSZ-L-LV2



#### Articulating Arm for Adjustable Height

This specialized articulating arm is great for customers who simply cannot mount a base anywhere on their worksurface (convenient table edge clamp mount), or that regularly inspect both very large and very small parts. Also available with choice of illuminators (shown with Micro-Lite<sup>®</sup> LED ring light).

TKSZ-FA-LV2



## PROZOOM® SZ-4.5 TECHNICAL DATA:

Eyepiece		0.3x SZ-OB-030	0.5x SZ-OB-050	0.75x SZ-OB-075	1.0x SZ-OB-100	1.5x SZ-OB-150	2.0x SZ-OB-200
<b>10x</b>	MAG:	2.5 – 16.6x	3.5 – 22x	5.3 – 33.8x	7 – 45x	10.6 – 68x	14 – 90x
	FOV:	88 – 13.2mm	62.8 – 9.8mm	41.9 – 6.5mm	31.4 – 4.9mm	20.9 – 3.3mm	15.7 – 2.5mm
<b>15x</b>	MAG:	3.75 – 25x	5.3 – 33.8x	7.9 – 50.6x	10.5 – 67.5x	15.8 – 101.2x	21 – 135x
	FOV:	60 – 8.9mm	42.8 – 6.7mm	28.5 – 4.4mm	21.4 – 3.4mm	14.2 – 2.3mm	10.7 – 1.7mm
<b>20x</b>	MAG:	5 – 33.2x	7 – 45x	10.6 – 67.5x	14 – 90x	21.2 – 135x	28 – 180x
	FOV:	48 – 71.5mm	34.2 – 5.3mm	22.9 – 3.6mm	17.1 – 2.7mm	11.4 – 1.8mm	8.5 – 1.4mm
<b>25x</b>	MAG:	6.25 – 41.5x	8.8 – 56.3x	13.1 – 84.4x	17.5 – 112.5x	26.3 – 168.8x	35 – 225x
	FOV:	36 – 53.5mm	25.7 – 4mm	17.1 – 2.7mm	12.8 – 2mm	8.5 – 1.4mm	6.4 – 1mm
<b>Working Distance</b>		<b>193mm</b>	<b>137mm</b>	<b>103mm</b>	<b>88mm</b>	<b>38mm</b>	<b>29mm</b>

Optional Lenses Available



## PROZOOM® SZ-4.5 SPECIFICATIONS:

Part Number	Mounting Base			Light Source		
	Laboratory	Articulating Arm	Heavy Duty Ball Bearing	Fluorescent Ring	150W Fiber Optic	LED
TKSZ-A			✓		Annular	
TKSZ-BL			✓		Back Light	
TKSZ-D			✓		Dual Point	
TKSZ-F			✓	✓		
TKSZ-FA-A		✓			Annular	
TKSZ-FA-BL		✓			Back Light	
TKSZ-FA-D		✓			Dual Point	
TKSZ-FA-F		✓		✓		
TKSZ-FA-LV2		✓				✓
TKSZ-L-A	✓				Annular	
TKSZ-L-D	✓				Dual Point	
TKSZ-LDL	✓				Dual Integrated	
TKSZ-L-F	✓			✓		
TKSZ-L-LV2	✓					✓
TKSZ-LV2			✓			✓