

## ProZoom® PZE-4.5

### Extended Working Distance Microscope

The ProZoom® PZE-4.5 microscope family provides standard 7-45X magnification, with industry leading field of view & working distance.

With a standard working distance of 118mm, ProZoom® PZE-4.5 features an amazing 34% greater working distance compared to standard 7-45x microscopes (88mm). The optional .5x auxiliary lens provides customers with an incredible 195mm (7.67").

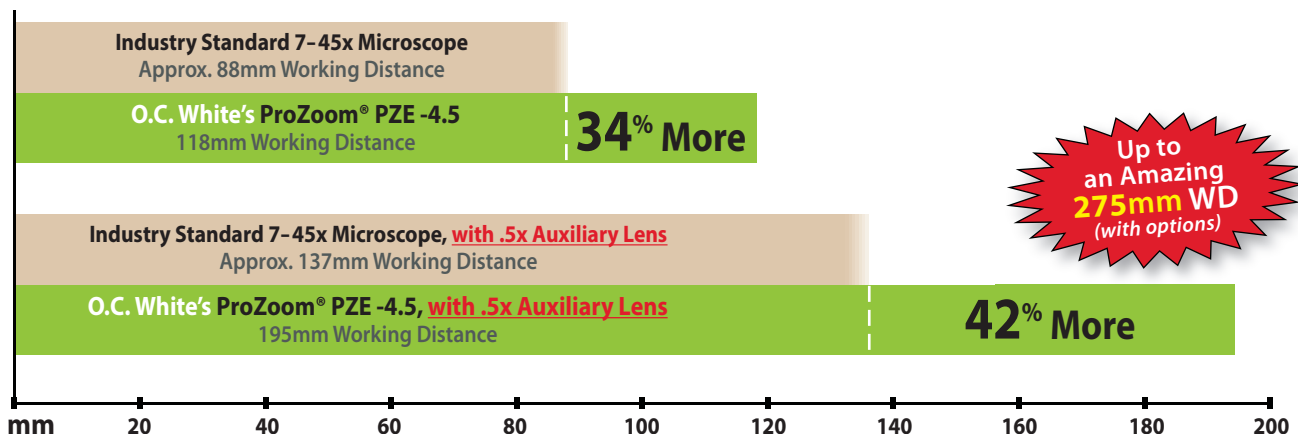


This specially designed microscope provides full 7-45x magnification, at a comparable working distance to standard microscopes with .5x lenses (and half the magnification).

At home in ESD critical environments, this microscope also features super-wide 28mm eyepieces for increased operator comfort over the duration of the work day. Dentented zoom stops are included standard on this model as well, which allow you (and your QA/QC Engineers) truly repeatable and documentable inspection results.... an *O.C. White Exclusive!*

### FEATURES:

- Built with ESD Safety Specifically in Mind
- 7-45x Standard Magnification Range (up to 270x with options)
- Super-Wide 28mm High Eyepoint, Wide Field Eyepieces
- 45° Eyepiece Angle with 360° Rotation in Focusing Arm
- 195mm of Working Distance with .5x Aux Lens (standard)
- +/- 6 Diopter Eyepiece Adjustment Range
- Interpupillary Distance Adjustment on Eyepiece Tubes
- Double Ball Bearing Arm Base Assembly for Precision Movement
- 5 Year Mechanical Warranty... **Best in the Business!**



## PROZOOM® PZE-4.5 TECHNICAL DATA:

Eyepiece		Main Body	0.37x PZ-OB-037	0.5x PZ-OB-050	0.7x PZ-OB-070	1.5x PZ-OB-150	2x PZ-OB-200
<b>10x</b>	MAG:	7–45x	2.59–16.65x	3.5–22.5x	4.9–31.5x	10.5–67.5x	14–90x
	FOV:	32.8–5.1mm	88.8–13.8mm	65.7–10.2mm	46.9–7.3mm	21.9–3.4mm	16.4–2.6mm
<b>15x</b>	MAG:	10.5–67.5x	3.89–25x	5.3–33.8x	7.4–47.2x	15.8–101.3x	21–135x
	FOV:	24.3–3.8mm	65.6–10.2mm	48.6–7.6mm	34.7–5.4mm	16.2–2.5mm	12.1–1.9mm
<b>20x</b>	MAG:	14–90x	5.18–33.3x	7–45x	9.8–63x	21–135x	28–180x
	FOV:	20–3.1mm	54.1–8.4mm	40–6.2mm	28.6–4.4mm	13.3–2.1mm	10–1.6mm
<b>30x</b>	MAG:	21–135x	7.77–50x	10.5–67.5x	14.7–94.5x	31.5–202.5x	42–270x
	FOV:	12.9–2mm	34.7–5.4mm	25.7–4mm	18.4–2.9mm	8.6–1.6mm	6.4–1mm
<b>Working Distance</b>		<b>118mm</b>	<b>275mm</b>	<b>195mm</b>	<b>145mm</b>	<b>50mm</b>	<b>35mm</b>



TKPZE-A



TKPZE-D



TKPZE-F



Need a trinocular?  
See our ProZoom® 6.5 Series