

Ergo-Zoom[®] EPZ 850/880

Excellence in Ergonomics

With so much attention being put into the study of ergonomics in the workplace, and the true cost of inefficient processes, companies would be remiss to overlook their inspection processes.

Our Ergo-Zoom[®] EPZ provides an amazing eyepiece adjustment range from 0 – 30°. No matter your process, or operator height, the eyepieces feature a special adjustable design so any operator can find the angle that best suits their comfort. Neck fatigue and eye strain are a thing of the past. A comfortable operator is a productive one!



TKEPZ-850-LV2

REPEATABLE PERFORMANCE

Does your process call for a specific magnification? Are you sure you are at 10x? All Ergo-Zoom[®] microscopes feature detented zoom knobs. This feature is not found standard in any other competitive microscope, it's **an O.C. White exclusive!** Each full magnification step (1x, 2x, 3x, etc) feature a positive detented stop, so you can reliably say "YES", you are meeting spec.

MULTIPLE MAGNIFICATION CHOICES

With Ergo-Zoom[®], the choice is yours. We are proud to offer (2) standard microscope zoom ranges. Our most popular model features .8–5x zooming, with the next level option having .8–8x zoom. This allows you to not have to sacrifice working distance for magnification, as both models use the same auxiliary lenses (up to 186mm).

4 Light Source Options Available

LV2000-B | High Intensity Dimmable LED
FL3000-A | "Annular" Fiber Optic
FL3000-D | "Dual-Point" Fiber Optic
FL3000-BL | Back Light

FEATURES:

- ESD Safe
- All Packages Include Super-Wide 28mm 10x Eyepieces
- .5x Auxiliary Lens Also Included (186mm)
- Adjustable 0–30° Eyepiece Angle for Operator Comfort
- Modular Designed System for Expandable Performance
- 5 Year Mechanical Warranty... **Best in the Business!**



PROZOOM® EPZ-850 TECHNICAL DATA:

Eyepiece		0.5x EPZ-OB-050	0.7x EPZ-OB-070	1x EPZ-OB-100	1.5x EPZ-OB-150
10x	MAG.	4 – 25x	5.6 – 35x	8 – 50x	12 – 75x
	FOV:	55 – 8.8mm	39.3 – 6.3mm	27.5 – 4.4mm	18.33 – 2.93mm
15x	MAG.	6 – 37.5x	8.4 – 52.5x	12 – 75x	18 – 112.5x
	FOV:	42.5 – 6.8mm	30.36 – 4.86mm	21.25 – 3.4mm	14.17 – 2.27mm
20x	MAG.	8 – 50x	11.2 – 70x	16 – 100x	24 – 150x
	FOV:	35 – 5.6mm	25 – 4mm	17.5 – 2.8mm	11.67 – 1.87mm
30x	MAG.	12 – 75x	16.8 – 105x	24 – 150x	36 – 225x
	FOV:	22.5 – 3.6mm	16.1 – 2.57mm	11.25 – 1.8mm	7.5 – 1.2mm
Working Distance		186mm	135mm	91mm	40mm

PROZOOM® EPZ-880 TECHNICAL DATA:

Eyepiece		0.5x EPZ-OB-050	0.7x EPZ-OB-070	1x EPZ-OB-100	1.5x EPZ-OB-150
10x	MAG.	4 – 40x	5.6 – 56x	8 – 80x	12 – 120x
	FOV:	55 – 5.5mm	39.3 – 3.93mm	27.5 – 2.75mm	18.33 – 1.83mm
15x	MAG.	6 – 60x	8.4 – 84x	12 – 120x	18 – 180x
	FOV:	42.5 – 4.25mm	30.36 – 3.04mm	21.25 – 2.13mm	14.17 – 1.42mm
20x	MAG.	8 – 80x	11.2 – 112x	16 – 160x	24 – 240x
	FOV:	35 – 3.5mm	25 – 2.5mm	17.5 – 1.75mm	11.67 – 1.17mm
30x	MAG.	12 – 120x	16.8 – 168x	24 – 240x	36 – 360x
	FOV:	22.5 – 2.25mm	16.1 – 1.61mm	11.25 – 1.13mm	7.5 – 0.75mm
Working Distance		186mm	135mm	91mm	40mm

