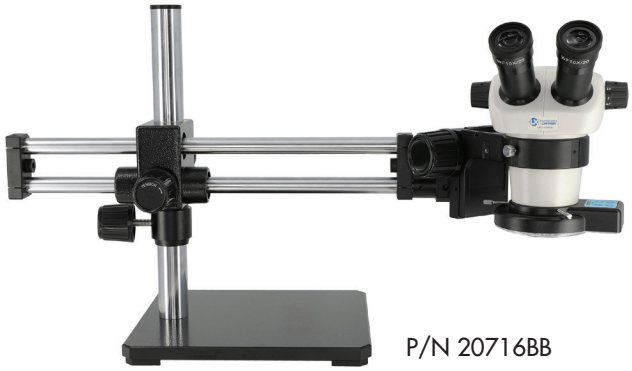
System 230 Binocular Microscopes

Full-Featured Economical Microscopes for Light-Duty Applications

LX Microscopes by UNITRON's System 230 is a full-featured binocular microscope system with a sealed polymer body. It is the perfect solution for economically-budgeted production applications. Designed and intended for lighter duty usage in assembly, rework, and limited inspection processes. Featuring a 20mm field of view, it fits many applications where higher magnification isn't required.



P/N 20716BB



P/N 20714



P/N 20784

TECHNICAL DESCRIPTION

OPTICS:
20mm field of view, 10X widefield eyepieces with individual diopter adjustment and eyeshields. 97mm working distance (with included 1.0X lens), 180mm (over 7") when used with an optional 0.5X reducing lens.

MAGNIFICATION:
Standard 7X – 30X magnification range.

LENSES:
High-quality achromatic lenses with anti-reflective coatings.

ERGONOMICS:
Standard 45° viewing angle.

ZOOM:
0.7X – 3X zoom range (4.3:1 zoom ratio) controlled by dual graduated knobs located on both sides of the head.

CONSTRUCTION:
Sealed Polymer body.

MOUNTING:
Dual boom ball bearing stand with 15" vertical post and 22.5" horizontal (11.1" x 10.25" base), Single boom stand with 20" vertical post and 22" horizontal (15" x 10" base), Non-Illuminated plain stand with 12.5" vertical track and 3.9" focus travel.

Additional lighting options sold separately.

5-YEAR WARRANTY. Visit our website for full details.

BALL BEARING BOOM STANDS


P/N 20714BB


P/N 20780BB


P/N 20716BB


P/N 20717BB

SINGLE BOOM STANDS


P/N 20714


P/N 20780


P/N 20716


P/N 20717

NON-ILLUMINATED PLAIN STANDS


P/N 20783


P/N 20784

SYSTEM 230 OPTICAL DATA

			Objective	
Eyepieces		1.0X (included)	0.5X	0.75X
10X	Total Magnification (Range)	7X - 30X	3.5X - 15X	5.25X - 22.5X
	Field of View Diameter (mm)	25.7 - 6	51.4 - 12	34.3 - 8
	Working Distance (mm)	97	180	120

PRODUCT TABLE

Part number	Microscope	Description
20714*	System 230	S-Z 20mm Binocular, Single Boom
20716*	System 230-LEDQRL	S-Z 20mm Binocular, Single Boom, Quadrant LED Light
20717*	System 230-LEDECO	S-Z 20mm Binocular, Single Boom, LED-ECO Ring Light
20780*	System 230-LED3000	S-Z 20mm Binocular, Single Boom, LED-3000 Ring Light
20714BB*	System 230BB	S-Z 20mm Binocular, BB Stand
20716BB*	System 230BB-LEDQRL	S-Z 20mm Binocular, BB Stand, Quadrant LED Ring Light
20717BB*	System 230BB-LEDECO	S-Z 20mm Binocular, BB Stand, LED-ECO Ring Light
20780BB*	System 230BB-LED3000	S-Z 20mm Binocular, BB Stand, LED-3000 Ring Light
20783	System 230PFS-LEDECO	S-Z 20mm Binocular, Non-Illuminated Plain Stand, LED-ECO Ring Light
20784	System 230PFS	S-Z 20mm Binocular, Non-Illuminated Plain Stand
20736	–	0.75X Reducing Lens (For System 230 models only)
20750	–	0.5X Reducing Lens (For System 230 models only)

*Available as 72 Hour QUICK SHIP