



## System 274

System 274 Binocular Microscopes

LX Microscopes by UNITRON's System 274 is the newest addition to our industry renowned, ergonomic microscope product family. The ergonomic features of the System 274 are ideal for prolonged use and offer added flexibility for multiple operator usage. Distortion free viewing through a high quality, 24mm optics system provides a 4X-25X magnification range. Easy to adjust, tilting binocular eyetubes can be inclined from 0 to 30° and the eyetubes can be rotated 180° to increase the height by an additional 3 inches.

### A Solution for Every Application

LX Microscopes by UNITRON feature high-quality achromatic lenses with anti-reflective coatings for superior visual clarity. A choice of light sources and mounting options enable the product set-up best suited for each individual application. The end result is increased productivity with an easy-to-use product line.

## TECHNICAL DESCRIPTION

**OPTICS:** WF10X/24mm eyepieces

**Zoom Ratio:** 6.3:1

**Zoom Range and Magnification:** 4X to 25X with 0.5X reducing lens (included)

**Work Distance:** 186mm with 0.5X reducing lens (included)

**Ergonomics:** Eyetubes tilt 0 to 30° and rotate 180° allowing for a 3 inch increase in height

**Construction:** Polymer/Metal body (2 part)

### LIGHTING OPTIONS

System 274 models are available with our ESD-safe, Dimmable LED ring light model LED-3000 or the High Output Dimmable LED ring light model 18743. Models are also available pre-configured as lighting ready allowing for use of additional lighting options.

### MOUNTING OPTIONS

LX Microscopes by UNITRON's System 274 binocular models are available with the Ball Bearing Boom Stand with base or The Articulating Arm with vertical extension and edge clamp

**5 Year Warranty** - please refer to our website for details.

*Design, features and specifications are subject to change without notice*

## SYSTEM 274 CONFIGURATIONS

Part number	Microscope	Description
24814BB	System 274BB With 0.5X LENS	S-Z 24mm Ergo Binocular, BB Stand, (0.5X lens included)
24828BB	System 274BB-DMLED-HO With 0.5X LENS	S-Z 24mm Ergo Binocular, BB Stand, (0.5X lens included), Dimmable LED-High Output Ring Light
24880BB	System 274BB-LED3000 With 0.5X LENS	S-Z 24mm Ergo Binocular, BB Stand, (0.5X lens included), LED-3000 Ring Light
24814VE	System 274VE With 0.5X LENS	S-Z 24mm Ergo Binocular, Articulating Arm with Vertical Extension, (0.5X lens included)
24828VE	System 274VE-DMLED-HO With 0.5X LENS	S-Z 24mm Ergo Binocular, Articulating Arm with Vertical Extension, (0.5X lens included), Dimmable LED-High Output Ring Light
24880VE	System 274VE-LED3000 With 0.5X LENS	S-Z 24mm Ergo Binocular, Articulating Arm with Vertical Extension, (0.5X lens included), LED-3000 Ring Light

## BALL BEARING BOOM STANDS



## ARTICULATING ARM WITH VERTICAL EXTENSION STANDS



## SYSTEM 274 OPTICAL SPECIFICATIONS

		Objective
<b>Eyepieces</b>		<b>0.5X</b>
10X	Total Magnification (Range)	4X - 25X
	Field of View Diameter (mm)	60 - 9.6
	Working Distance (mm)	186

