

System 274 Binocular Microscopes

Ergonomic Binocular Microscopes for Greater Comfort and Productivity

LX Microscopes by UNITRON's System 274 is the newest addition to our industry-leading, 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 with a high quality, 24mm field of view and 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.



P/N 24880BB



P/N 24814VE

TECHNICAL DESCRIPTION

OPTICS:

WF10X/eyepieces, 24mm field of view.

MAGNIFICATION:

4X – 25X and 186mm of working distance with 0.5X reducing lens (included).

LENSES:

High-quality achromatic lenses with anti-reflective coatings.

ERGONOMICS:

Eyetubes tilt 0 to 30° and rotate 180° allowing for a 3-inch increase in height. 360° head rotation in its focus mount.

ZOOM:

0.8X – 5.0X zoom range controlled by dual graduated knobs. Click-Stop positions located on both sides of the head. 6.3:1 zoom ratio.

CONSTRUCTION:

Polymer/Metal body (2 part).

MOUNTING:

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

LIGHTING:

System 274 models are available with or without lighting. Select models include our LED-3000 Dimmable LED ring light or the High Output Dimmable LED ring light (P/N 18743). Refer to the individual product descriptions.

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

Additional lighting options sold separately.

BALL BEARING BOOM STANDS



P/N 24814BB



P/N 24828BB



P/N 24880BB

ARTICULATING ARM WITH VERTICAL EXTENSION AND STANDS



P/N 24814VE



P/N 24828VE



P/N 24880VE

SYSTEM 274 OPTICAL DATA

Eyepieces		Objective
10X		0.5X (included)
Total Magnification (Range)		4X – 25X
Field of View Diameter (mm)		60 – 9.6
Working Distance (mm)		186

PRODUCT TABLE

Part number	Microscope	Description
24814BB*	System 274BB WITH 0.5X LENS	S-Z 24mm Ergo Binocular, BB Stand, (0.5X lens included)
24814VE	System 274VE WITH 0.5X LENS	S-Z 24mm Ergo Binocular, Articulating Arm with Vertical Extension, (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
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
24880BB*	System 274BB-LED3000 WITH 0.5X LENS	S-Z 24mm Ergo Binocular, BB Stand, (0.5X lens included), LED-3000 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

