

Luxo's New 23mm Microscopes Dramatically Increase Magnification Levels, Fields of View and Working Distances

New Product: 23mm Microscopes –System 273 Binocular and System 373 Trinocular Models

Design: Luxo

Manufacturer: Luxo

Product Applications: Inspection and assembly

Product Description: Luxo extends its industry-leading microscope lines with a new range of 23mm-based systems. Luxo's new **System 273** Binocular and **System 373** Trinocular microscopes offer 25% greater magnification, 15% greater field of view and 20% greater working distance than traditional models.

Luxo's traditional System 250 Binocular and System 350 Trinocular Microscopes provide an optical magnification of 225X. New **System 273** and **System 373** microscopes provide a total optical magnification of 270X. Similarly, while Luxo's traditional System 350 Trinocular microscopes provide a digital magnification of 255X, new **System 373** microscopes provide a digital magnification of 400X. Magnification of both **System 273** and **System 373** models can be further increased with the use of eyepieces and accessory lenses.

Field of view is increased when viewed through the eyepieces of the **System 273** and **System 373** microscopes. Versus the traditional System 250 and System 350 microscopes, Luxo's 23mm line offers 15% greater viewing area.

The smaller, sleeker body of **System 273** and **System 373** microscopes occupy a lesser footprint on the worksurface. Working distance is 2" greater than that of traditional Binocular and Trinocular scopes when used with a 0.5X reducing lens. This increased working distance not only provides additional space for operator maneuverability, but also decreases the chance that products may become damaged during inspection.

Construction and Finishes:

System 273 and **System 373** microscopes have heavy-duty aluminum housings and come standard with 10X, 23mm widefield eyepieces and eyeshields. The microscopes rotate 360° in their focus mounts. Both Binocular and Trinocular models have a zoom range of 0.7 to 4.5 giving them a magnification range of 7X to 45X. The zoom ratio of 7:1 is adjusted via dual graduated control knobs located on the side of the head. **System 273** and **System 373** microscopes can be used with Luxo single boom stands or dual boom ball-bearing stands.

Ordering Information: Literature, specifications and pricing for **System 273** and **System 373 Microscopes** is available from Luxo Corporation, 5 Westchester Plaza, Elmsford, New York 10523. Telephone: (914) 345-0067. Fax: (914) 345-0068. Visit Luxo Corporation at: www.luxous.com.

Luxo is a worldwide pioneer in multi-adjustable, spring-balanced task lights, illuminated magnifiers and microscope systems, since 1937.

EDITOR, FOR MORE INFORMATION, PLEASE CONTACT

Kimberly Kishpaugh

LUXO CORPORATION

914-345-0067, x213/Phone

914-345-0068/Fax

kimberly.kishpaugh@luxous.com