TLB 3000 Series Features

- **Precision Ground Stainless Steel Vertical Pole:** Stands up to harsh lab environments.
- **Vertical Safety Stop:** Keeps your microscope out of the “crash zone”.
- **Mounting Pedestal:** Increases vertical pole stability and ensures ease of assembly.
- **Fiber Optic Bundle:** Connects to the 150 watt fiber optic halogen illuminator.
- **Adjustable Condensing System:** Matches field of illumination and intensity to microscope field of view.
- **Tilting and Sliding Mirror:** Provides brightfield, darkfield and oblique illumination*.
- **Adjustable Tension Knob:** Set it as tight or loose as you prefer.
- **Large Stable Work Surface:** Keeps your microscope upright.
- **Low Profile Base with Built-in Wrist Rests:** Keeps you comfortable.
- **Filter Wall:** Accommodates your choice of filters.

*Oblique illumination available on TLB3000 & TLB4000 models only

The complete TLB Series

- **1000 TLB Series**
  - Sturdy Stereo Microscope Stand
  - The TLB1000 is a more stable version of the standard stand that is offered with most stereo microscopes.

- **4000 TLB Series**
  - 20 Watt Transilluminating Stereo Microscope Stand
  - The TLB4000’s large work area combined with its built-in 20 watt illuminator make it an economical and versatile choice for the crowded lab environment.

- **Illuminator Options**
  - Great selection of optional Illuminators available
    - Using the best manufacturer’s of stand-alone illuminators, we offer the halogen based Volpi® NCL-150 and Intralux. For LED lighting we have the G-Lighting®

6540 Burroughs Avenue • Sterling Heights • MI • 48314-2133 • USA • Toll Free USA: 1.866.604.SPOT
Phone: +1 586.731.6000 • Fax: +1 586.731.6469 • Web: www.spotimaging.com
Fiber Optic Transilluminating Stereo Microscope Stand

Features of the TLB3000

- 150 watt cool fiber optic provides epifization or transillumination
- Large, stable work surface
- Low profile with built-in wrist rests for added comfort
- Large range of mirror adjustment

The TLB3000’s large work area and sliding, tiltable mirror make it an economical and versatile choice for general brightfield use, as well as many darkfield applications.

Illumination for the TLB3000 is provided by a 150 watt halogen illuminator and fiber optic bundle. At the end of the bundle there is a condensing lens for adjusting the intensity and field of illumination.

One of the outstanding qualities of the TLB3000 series is the range of motion allowed by the mirror. The mirror is mounted in a mechanism that provides tilt, as well as front to back movement. This technique allows the microscopist to vary the illumination from brightfield to darkfield.

For high magnification work, the drop-in ground glass filter increases the NA of the system. For low magnification work, the drop-in opal glass filter ensures an even field of illumination.

### TLB3000 Fiber Optic Transilluminating Stereo Microscope Stand

**Standard Equipment**
- 1 Mirrored base
- 1 Ground glass drop-in filter (63.5mm x 1.6mm)
- 1 Vertical mounting pole
- 1 Opal glass drop-in filter (63.5mm x 3.175mm)
- 1 Vertical stop
- 2 Stage clips
- 1 Black & white contrast stage plate (100mm x 100mm)
- 1 150 watt fiber optic halogen illuminator
- 1 Clear glass stage plate (100mm x 5.7mm)
- 1 Fiber optic bundle
- 1 GN-TLB Gooseneck mount for fiber optic

**Weight Specifications**
- Base weight: 19 lbs. (8.6 kg)
- Power supply weight: 12 lbs. (5.5 kg)
- Shipping weight: 34 lbs. (15.5 kg)

**Available Options**
- Custom length vertical mounting poles
- TLB96TP Top plate option for microplate support (while supplies last)
- GN-TLB-F Gooseneck mount for Fostec fiber optic
- PRD Polarizer for TLB filter well
- NVOF1 Adapter for Fostec fiber lens (Order the Fostec power supply direct from Fostec)

**Ordering TLB 3000 Series Systems**

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>Leica</td>
<td>TLB3026</td>
</tr>
<tr>
<td>Leica M, MZ, MS, GSZ series, accepts 450 171 or 450 299 columns (column NOT included)</td>
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<tr>
<td>Meiji</td>
<td>TLB3026</td>
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<tr>
<td>Meiji EMZ-1 (20mm Ø x 406mm mounting column)</td>
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<td>Nikon</td>
<td>TLB3019</td>
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<tr>
<td>Nikon SMZ-U, SMZ-10A, SMZ2465, SMZ660, SMZ380 (32mm Ø x 406mm mounting column)</td>
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<td>Nikon SMZ1600, SMZ1000, SMZ-10</td>
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<tr>
<td>Olympus</td>
<td>TLB3019</td>
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<tr>
<td>Olympus SXZ, SZH, SZ with SZ-STS focus mount (32mm Ø x 254mm mounting column)</td>
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<tr>
<td>Wild</td>
<td>TLB3018</td>
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<td>Wild (25 mm Ø x 406 mm mounting column)</td>
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<tr>
<td>Zeiss</td>
<td>TLB3006</td>
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<tr>
<td>Zeiss Stemi series, SVI, SVII, SV11, SR, DR, DRC (32mm Ø x 406mm mounting column)</td>
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