

Features

- ◆ Large Format 3 Dimensional Positioning Table
- ◆ Optional Oblique Angle Viewer for 360 degree Side Angle View of Objects
- ◆ Precision Optics Provide Stereo Zoom Magnification from 6X - 45X
- ◆ Trinocular Version Available for Video and Photographic Imaging
- ◆ Built-in Variable Halogen Illumination
- ◆ Single Switch Table Lock Mechanism
- ◆ Interpupillary adjustment for distance between eyes
- ◆ Optional 15X, 20X & 25X eyepieces are available
- ◆ Optional 1/2X Lens Will Double Field of View
- ◆ Variable Halogen Light:: 12v 20w
- ◆ Users Manual, Super Protective Fitted Foam Packaging
- ◆ Limited One Year Warranty

INSPECTION MICROSCOPE

VTI Trident Stereo Zoom



The revolutionary 3 Dimensional X-Y-Z Positioning Table adds the ability to reposition specimens vertically allowing the user to freely move up and down through different layers without refocusing or repositioning the user's head. The operator can reposition the specimen in 3 dimensions while holding onto a single control knob. Unlike conventional inspection microscopes that only offer stages designed for small specimens, the Trident is designed to handle a wide variety of large circuit boards and other specimens. A convenient button allows the user to lock the table in position when desired.

See what you've been missing with a traditional microscope that limits you to a straight down view. Trident sets a new industry standard for microscope inspection by offering an optional Oblique Angle Viewer. Now in addition to the traditional straight down view, Trident owners can view an Object at an angle from the side at any point 360 degrees around an object.

The standard model features variable halogen illumination. A trinocular head model is available to provide a variety of options for photography and video image capture. With its various options, superior zoom optics, and broad field of view, the VTI Trident is an excellent choice for the most demanding inspection environments.

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TRIDENT STEREO ZOOM INSPECTION SCOPE

SPECIFICATIONS

Microscope Heads:

Coated Glass Optics
Binocular or Trinocular Head
Inclined 45 degrees. Rotates 360 degrees
10X Wide Field Eyepieces with Rubber Eye Guards
Optional 15X, 20X and 25X Eyepieces are available
Optional 1/2X Lens will double field of view
Interpupillary Adjustment for distance between eyes
Individual Diopter Adjustments for difference in sight between eyes

Base Dimensions:

Width 13 3/4"
Height without microscope head 10"
Height with microscope head 17 1/2"
Depth 16 1/2"
Weight without microscope head 26 lbs.
Weight with microscope head 31 lbs.

Performance:

Zoom Range .7X - 4.5X
With 10X Eyepieces (Standard) 7X - 45X
Working Distance 95 mm
Field of View at 6X magnification 32mm
Field of View at 45X magnification 4.5mm

Lighting:

1-Compact Halogen 20 watt
3,500 hour life

3 Dimensional X-Y-Z Positioning Table:

Easy-grip Control Knobs
Dimensions 14 1/2"Lx 14"w
Material 1/8" Aluminum
Forward Movement 10 1/4"
Horizontal Movement 15"
Vertical Movement 2 1/2"
Brake Mechanism Electric

Power Supply:

UL and CE approved Universal 12v DC output
100 - 240v input

Limited Warranty:

1 year parts and labor

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