

STEREO ZOOM MICROSCOPE SYSTEM

Features

- Stereo zoom 1X body with .67X-4.5X Magnification range
- C-mount optical capture port (T version)
Vision capture ready
Video camera ready
- Wide Field eyepieces 10X and 25X
- Magnification range of 6.7X to 168X with optional 1.5X objective
- Stable compact stand with adjustable swing arm and vibration isolation
- Compatible with Jr-27xx series
- Hard shell foam lined storage case

Benefits

- Bright Images
- Integrated into probing environment
- Vibration isolated from benchtop and probing environment

Applications

- Precision visual alignment of Electrical Probes on:
Semiconductor devices
Microwave packages
MIC components

Description

A high value microscope system to aid in the alignment and visual inspection of test samples and setups for engineers and scientists. The main element is a stereo zoom microscope body with a long working distance. The camera port has independent fine focus and a standard Trinocular adapter and 'C-mount' interface for video/digital/film cameras version available. Standard eyepieces furnish 6.7X to 112.5X magnification. A stable and compact swing arm stand has vibration isolated base. X-Y range is compatible for viewing the complete probing area of all the Jr-27xx series fixtures and probe stations. Full Z adjustment to allow use of .75X to 1.5X objective lens.

Specifications

Microscope Body

- Type Stereo Zoom 1X (Trinocular option) Parafoval
- Working dist. 88 mm
- Zoom Range .67X-4.5X

Microscope Eyepieces

- Standard 10X WF 22mm 30mm dia.
25X WF 13mm 30mm dia.
- Optional 20X WF

Objective Lens

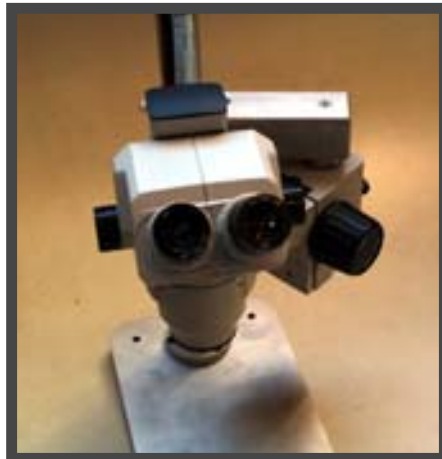
- Optional 0.75X 1.5X

NAT – 27

Microscope Configurations

NAT-27(B) Binocular

Microscope, Binocular Stereo Zoom
.67X-4.5X Body
Eyepieces, Wide Field 10X
Eyepieces, Wide Field 25X
Vibration Isolated Stand with Swing Arm
Microscope Rack Mount



NAT-27(T) Trinocular

Microscope, Trinocular Stereo Zoom
.67X-4.5X Body
Eyepieces, Wide Field 10X
Eyepieces, Wide Field 25X
Video Adapter, .3X Fine Focus, C-Mount
Vibration Isolated Stand with Swing Arm
Microscope Rack Mount

Fiber Optic Light Ring (opt)

The Fiber Optic Light Ring directly attaches to the NAT-27 microscope objective lens offering cool, shadow-free illumination. Working distance of the light is compatible with the 30mm to 160 mm working distance of the microscope on the probe station. Light ring is low profile for maximum working area in the area of the probes.



Lamp Unit (opt)

The Lamp unit contains a standard 150 watt halogen bulb supplying 20,000+ candle power.



Bright Wide Field Image



Lens Accessory Kit

The following optional microscope lens for the NAT-27 are available: 2.0X, 1.5X, and .75X screw on objective lens.

Camera Port

(standard on 'T' version)



JmicroTechnology
3744 NW Bluegrass Place
Portland, OR 97229-7068
(503) 614 - 9509 [voice]
(503) 531 - 9325 [fax]