



Handy Micro
Zoom Lens

TM-XL-130Z



Complete coverage of industry standard magnifications from 30X to 240X. A quick response that allows the acrylic frame to bring the main unit to the point where it is in focus. For non-contact use, you can attach it to the dedicated camera stand and work. In addition, high brightness white LED ring multi-illumination, 1.3 million pixel CMOS-USB color camera with dedicated multi-battery holder (measurement software sold separately). It is an image that is easy to see with few aberrations specific to the macro lens around the image. High resolution with a central resolution of approximately 350 lines *

● Main Application

Confirmation and inspection of through-hole patterns at the printed wiring board manufacturing site. Confirmation and inspection of powder amount, halftone dots, mesh, etc. at the printing site. In addition, we have a wide range of support from textile-related products, resin-related products, electronic parts, museums, museums, toy manufacturing, jewelry product manufacturing-related products, household goods manufacturing sites, food processing and packaging.

- ※ Use 1/2 inch lens element to output 15 inch electronic magnification image.
- ※ Able to achieve a resolution of 3.5 million pixels within 1mm. (Edmund 1951 USAF test standard)

It is a convenient item for non-contact work.



There is also a dedicated camera stand sold separately depending on the workpiece.



TM-0147NH

As a handy type zoom lens, it supports various work situations.

- ※ Body contact type
- ※ The hakama at the tip comes into direct contact with the work.

The ring-shaped lighting with 18 high-illumination white LED lights provides segmented lighting (only 1/3 of the lights are lit), and can also be used with a diffusion head

AC power supply is also available



TM-LAX-CZ5M + TM-XL-LCC



TM-WL5M-AC



TM-CA-130M III
1.3MP USB camera.



The camera comes with viewer software (CD-ROM) for PC output.



TM-XY-70

The precision XY stage, the response of the inspection will be improved.

Contents

- High resolution handy type micro zoom lens / 1.3MP USB color camera.
- High-intensity white LED ring Multi-illumination /
- Dedicated AC power adapter / Dedicated battery holder /
- Dedicated camera stand + rack & pinion

This is a picture of the Byodoin Hodo sculpture on the back of a 10-yen coin that was enlarged using multi-lighting, and the lighting was changed to make a comparison.



ALL lights

The light hits the whole, the picture is bright but can't show the three-dimensional sense



1/3 lights

The light enters from the oblique edge, and the shadow can be used to highlight the three-dimensional feeling of the picture

