

Cutters & Pliers

Wire strippers

Crimpers

Tweezers

Screwdrivers & Wrenches

Metal working

Parts boxes

Tool cases

Tool kits

Soldering irons & Solder

Parts & Solder removal equipment

Measuring instruments

Optical equipment

Antistatic products

Clean products

Chemical products

Maintenance & Safety products

Stereo Microscopes

Color CCD camera

USB cameras

Zoom lens

LED lights

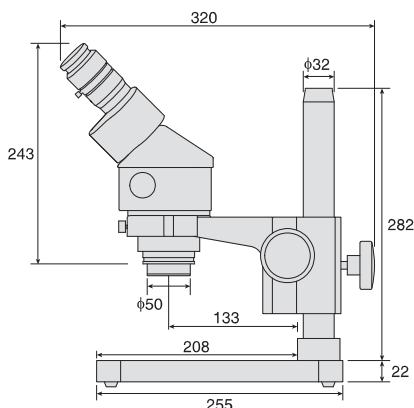
Lighting equipment

Magnifier

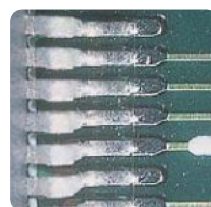
L-46 STEREO MICROSCOPE (zoom type)

■ Accessories: Ground cord, 2clips (clamps)

Total magnification	7 to 45x
Objective lens	0.7 to 4.5 × (zoom ratio 6.4)
Eyepiece	WF10 × fields-of-view 20 (L-546-10)
Sight adjustment	Independent left / right adjustment type, ± 5Dptr
Working distance	84 mm (equipped with lens filter / ring)
Focus adjustment	Head scope up / down type (adjustable range: 50 mm)
Stereo head spec.	Binocular 45° Tilted Head scope
Eye width adjustment range	54 to 75 mm left/right interlocking type
Table dimensions	200 (W) × 255 (D) mm
Support height	282 mm
Distance from lens center to support	133 mm
Weight	4.2kg



x7



x18



x45



Zoom adjusting knob with lock function

Lens filter (standard accessory item)
Protects the lens from solder smoke.
(Filter screw dia. 46 mm)

Ground cord

■ Combination example

The L-830 USB camera can also be used to perform inspections using a personal computer.



L-46 STEREO MICROSCOPE
L-830 USB CAMERA
L-527 XY-STAGE
L-710 LED RING LIGHT



With conductive rubber mat
Ideal for electronic parts which are susceptible to electrostatic damage.



The center plate (round) can be detached to accommodate such as cross-section viewing of long objects, as shown.

L-46 Magnification table Standard item

Objective lens		0.7 to 4.5x										
CONVERSION LENS		-			L-57-0.5			L-57-1.5			L-57-2.0	
EYEPIECE	Magnification ×	Field of view mmφ	Working distance mm	Magnification ×	Field of view mmφ	Working distance mm	Magnification ×	Field of view mmφ	Working distance mm	Magnification ×	Field of view mmφ	Working distance mm
L-546-10 (WF10x)	7 to 45	28.5 to 4.4	84	3.5 to 22.5	57.1 to 8.9	160	10.5 to 67.5	19.0 to 2.9	43	14 to 90	14.3 to 2.2	26
L-546-20 (WF20x)	14 to 90	14.3 to 2.2		7 to 45	28.5 to 4.4		21 to 135	9.5 to 1.5		28 to 180	7.1 to 1.1	

* The "working distance" is the distance from the end of the filter to the subject.

実体顕微鏡について

双眼(ステレオ)実体顕微鏡は、2方向の光学軸を結像させるため、より立体視ができる顕微鏡です。対物レンズで拡大され、更に接眼レンズで拡大した虚像を検視するものです。

ルーペではできない高倍率と、広い作動距離を確保でき幅広い作業が可能です。接眼レンズを更に高倍率のものに交換することで、総合倍率を上げることができます。また、対物レンズにコンバージョンレンズを装着して視野を広くとることができます。

人には左右の視力に差異があり、顕微鏡はこの視度調整ができる、ルーペにはない機能を備えています。

ズーム式顕微鏡では、まず最高倍率でピントを合わせたあと低倍率で左右それぞれを視度調整すれば、どの倍率でもすっきり検視できるようになります。

L-46 System diagram

L-546-10 / 20 EYEPIECES



- 1 set of 2 types (1 of each type)
- With eye cups (2 types)



L-546-10 (10x)



L-546-20 (20x)



L-62 COLD LIGHT SOURCE



LIGHT GUIDE

L-63-A



L-63-B



L-63-C



* For details, see page 138

L-527 XY-STAGE



* For details, see page 126

L-57 CONVERSION LENS

L-57-0.5 (0.5x)

L-57-1.5 (1.5x)

L-57-2.0 (2x)

- Enlarges the field-of-view and the working distance (L-57-0.5), and increases the magnification (L-57-1.5 / 2.0).



L-710 LED RING LIGHT



* For details, see page 137

L-65 RING LIGHT



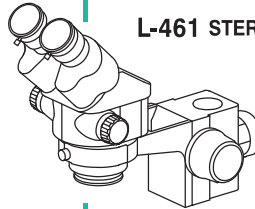
* For details, see page 138

L-701 / 705 LED FLEX NECK LIGHTS

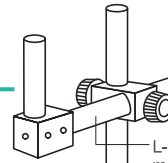


* For details, see page 136

L-461 STEREO HEAD SCOPE

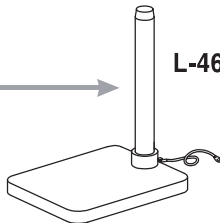


L-424 LONG TYPE ARM

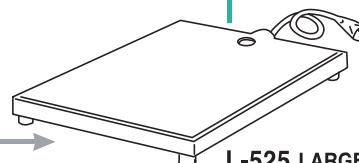


L-701 / 705 is mountable on this arm

L-462 STANDARD TABLE



L-525 LARGE TABLE

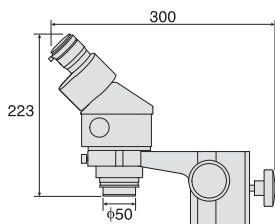


L-461 STEREO HEAD SCOPE



- With lens filter

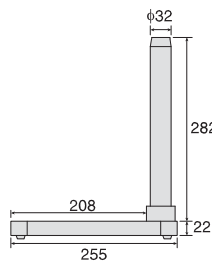
* This product does not include an eyepiece. The eyepiece can be ordered separately.



L-462 STANDARD TABLE

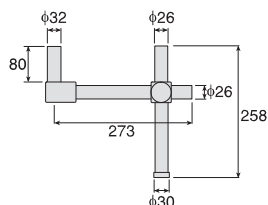


- Base dimensions: 200 (W) × 255 (D) mm
- Accessory: Ground cord, 2 clips (clamps)



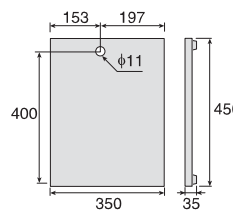
With conductive rubber mat

L-424 LONG TYPE ARM



L-525 LARGE TABLE

- Base dimensions: 350 (W) × 450 (D) mm
- With ground cord
- Material: Plywood (Table: Melamine facing plate)



With conductive rubber mat

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