

Product description

The SM-4TP stereo microscope provides precise and clear images. A stereo microscope provides an in-depth image, making it possible to solder SMD components for example.

Trinocular and simul-focal

The SM-4TP is trinocular, which means that there is a third port available to connect a camera with the help of the C-mount adapter. The SM-4TP is simul-focal, so the camera can be used simultaneously with the two eyepieces.

7x to 45x magnification

The SM-4TP microscope offers a magnification from 7x to 45x at a maximum working height of 100mm. For use with electronics it is best to use a barlow lens 0.5x. This halves the magnification of the microscope and doubles the working distance (the distance between the lens and the working platform).

Double arm

The microscope has a solid base with a sound, dual arm that can be positioned freely. You can install it quickly on top of, for example, a PCB or the phone you want to repair. The dual arm can easily be pulled towards you and pushed away, as opposed to a single arm.

Key features

- 1) High quality optical components for creating high-quality optical images.
- 2) Large field of view with good contrast and clear image quality
- 3) A continuous zoom lens with a standard magnification of 7x – 45x. Extendable with optional auxiliary lenses with other magnification levels.
- 4) Effective standard working distance of 100mm. With an optional barlow lens (separately sold) the working distance can be extended. This created enough working space underneath the microscope.
- 5) Microscope head with adjustable binocular diopter, to ensure that users with different vision and eye distance can adjust to get a clear image of satisfaction.
- 6) Ergonomic design with great eye height so that longer sessions are more comfortable.
- 7) Handwheel zoom level (axial) bilateral setting. Easy to operate. Great accuracy for setting the zoom and focus.
- 8) Great variety of accessories available (sold separately) to expand application fields and to improve comfortable use.

Technical specifications

Eyepiece	WF10X / 20mm ; WF15X / 15mm ; WF20X / 10mm
Observatio head	SZM7045: binocular head, 45 degrees tilt, continuous zoom lens 7X-45X, working distance 100mm, pupillary distance adjustment range 54-76mm, +/- 5 dpt.
Auxiliary lens	0.5X / 165mm ; 1.5X / 45mm ; 2X / 30mm
Focus brackets	A1 focus mount, focusing hand wheel adjustable elastic, lifting range 50mm. A3 industrial binding Focus Frame 2 (industry-specific)
Base	STL2 universal bracket arms
Other external sources	Ring light ; LED light ; Cold light illumination
Photography devices	Photography connected tube (with PK bayonet), 3.2X photo eyepiece
Image device	0.35X/0.5X/1.0X C-type camera connected tube