

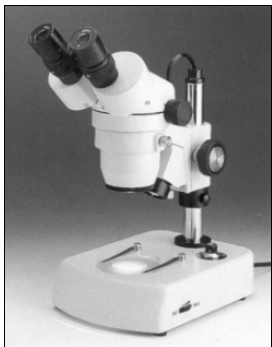
Motic Zoom Stereo Microscopes

The Motic range of stereo microscopes offers a superb value/performance combination and comes with a 5 year warranty. We have selected two ranges which provide excellent results in teaching or research with expandable specifications from a wide range of accessories.

SMZ-140 A binocular instrument designed for applications in inspection, assembly and dissection with a 1:4 zoom range from lateral control knobs. Images have good contrast and resolution and the microscopes are mechanically precise and durable.

SMZ-143 As the SMZ-140 but with a trinocular head allowing photography or video for data recording.

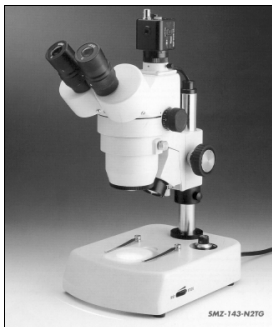
M-700Z An uncompromising research zoom stereo microscope with multicoated optical components and totally free from chromatic and spherical aberrations. It has a 1:5.2 zoom range, long working distance and wide fields of view giving crystal clear, sharp images with an excellent depth of field. The modular design permits personalisation of the systems



M247

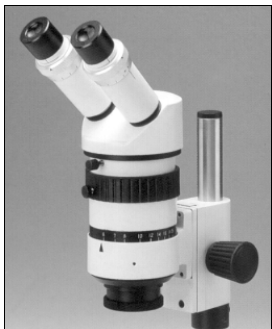
Incident and Transmitted Light Zoom Outfits

M247 SMZ-140 Binocular Zoom Stereo Microscope, 10-40x magnification range, W10x pair eyepieces. Pole stand with built-in incident illumination (12V/10W tungsten) and transmitted light (12V/10W halogen) intensity variable on both illuminators. Rack and pinion focusing, frosted and black/white stage plates and stage clips.



M248

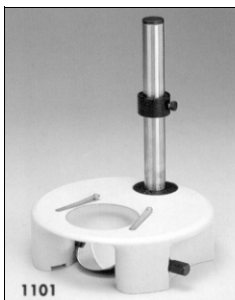
M248 SMZ-143 Trinocular Zoom Stereo Microscope, 10-40x magnification range, W10x pair eyepieces. Pole stand with built-in incident illumination (12V/10W tungsten) and transmitted light (12V/10W halogen) intensity variable on both illuminators. Rack and pinion focusing, frosted and black/white stage plates and stage clips.



M249

M249 M-700Z Advanced Binocular Stereo Microscope with 1:5.2 ratio connected to self centring dovetail ring mechanism with rack and pinion focusing. Widefield 10x eyepieces with dioptic compensation on both tubes. Standard 1x objective lens, magnification range 6-31x. Large 205mm Ø circular transillumination pole base but no lighting. Accepts front or rear entry of M285 1405 illuminator using rotating mirror for transillumination illumination.

M250 Camera adapter for M-700Z consisting of double iris base unit for 35mm or video. Requires appropriate 'T' mount.



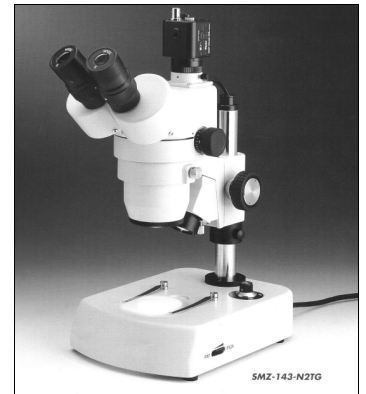
Large 205mm Ø round stand

If the specification you require is not listed please contact TAAB for a quotation.

Incident Light Zoom Outfits

M251 SMZ-140 Binocular Zoom Stereo Microscope, 10-40x magnification range, W10x pair eyepieces. Rectangular pole stand (no illumination). Rack and pinion focusing, black/white stage plates, stage clips.

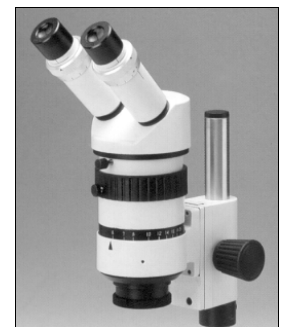
M252 SMZ-143 Trinocular Zoom Stereo Microscope, 10-40x magnification range, W10x pair eyepieces. Rectangular pole stand (no illumination). Rack and pinion focusing, black/white stage plates, stage clips.



M251/252

M253 M-700Z Advanced Binocular Zoom Stereo Microscope with 1:5.2 ratio connected to self centring dovetail ring mechanism with rack and pinion focusing. Widefield 10x eyepieces with dioptic compensation on both tubes. Standard 1x objective lens, magnification range 6-31x. 160 x 212mm rectangular pole stand but no lighting. Use M285 1405 illuminator or other free standing lamp.

M250 Camera adapter for M-700Z consisting of double iris base unit for 35mm or video. Requires appropriate 'T' mount.



M253

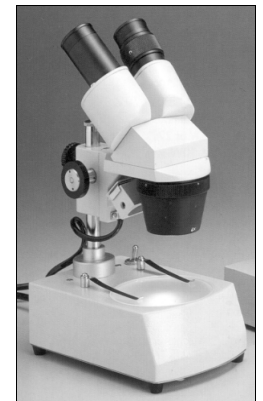
Motic Non Zoom Stereos

M254 ST-30B-2L Twin objective set 1x/3x in rotating turret, parcentred and parfocal, 45° inclined binocular stereo head, pair W10x eyepieces, eyecups, frosted and black/white stage inserts, incident and transmitted light stand.

Accessories

M255 Bulb 12V/10W for stand illuminator

Other twin objective sets are: 1x/2x, 2x/4x turret changers, and alternative 5x, 15x, 20x eyepiece pairs. Also plain incident light stands available - please ask for details.



M254

Motic Long Arm Heavy Base Stereo with Included Epi-illumination

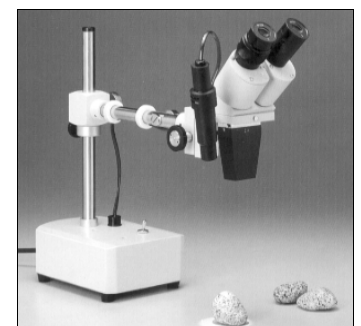
M256 SWL-40-PB long arm stereo microscope with long working distance 2x objective (20x total mag) and 45° inclined binocular body. Pair WF10x eyepieces, eyecups, 2x LWD (113mm) slide-in objective, mounted on an adjustable long arm of 225mm total horizontal length and 300mm height from upper surface of the heavy cast base. Base size 200mm (L) x 140mm(W) x 60mm (D). The base houses a 12V/10W power supply and provides a bright incident light with built-in condenser system.

Accessories

M257 1x Objective (WD 165mm) **M367** 3.5x Objective (WD 113mm)

M258 5x Eyepieces (pair) **M259** 15x Eyepieces (pair) **M260** 20x Eyepieces (pair)

M255 Spare bulb for 12V/10W illuminator



M256

Motic M400 Research Stepped Magnification Stereos



M271

The **M-400** is an advanced research stereo microscope with multi coated optics using the latest optical path design for fatigue free viewing over extended periods. It offers rich contrast and crystal sharp images with an excellent depth of field. Extensive range of accessories.

M271 M-400 Advanced Binocular Stereo Microscope with 4 step magnification changer giving 6x, 12x, 25x and 50x with standard 1x objective lens and widefield 10x eyepieces. Dioptic compensation on both eyetubes. Stereo head connected to self centring dovetail ring mechanism with rack and pinion focusing. Large 205mm Ø circular transillumination pole base but no lighting. Accepts front or rear entry of M285 1405 illuminator using rotating mirror for transillumination.

Additional accessories provide magnification ranges from 3x-200x and working distances from 26mm-154mm.

Accessories for Motic SMZ-140 and 143

Eyepieces

M258 5x (pair)
M259 15x (pair)
M260 20x (pair)

Objectives

M261 0.5x
M262 0.75x
M263 1.5x

Other

M264 Jewellery clamp
M265 Darkfield condenser
M266 Polarising kit

Accessories for Motic M-700Z and M-400

Stand Bases

M267 240 x 280mm 1104 rectangular stand for incident light with built in side poles (2) for attaching illuminators.
M268 240 x 200mm 1102 large rectangular stand equipped with rotating mirror for transmitted illumination from light sources at the front and/or rear of the pole type base.
M269 Universal stand 1105 with heavy construction and counterbalanced arm for maximum stability and flexibility of use. Has adjustable rear mounting post.
M270 Gliding stage for IL and TL with stage clips. Fits into circular plate aperture of all stands except Universal.

Eyepieces

M273 WF6.25x pair **M274** WF10x pair **M275** WF15x pair **M276** WF20x pair **M277** Micrometer eyepiece

Objective Lenses

M278 0.3x **M279** 0.5x **M280** 0.625x **M281** 1.5x **M282** 2.0x

Illuminators - all require 1402 power supply. All come with 6V/15W tungsten or halogen bulbs as appropriate.

M283 1403 double tungsten illuminator, one pair
M284 1404 double halogen illuminator, one pair. Can attach to stereo body with link arms and adapter rings (supplied) and/or transillumination base.
M285 1405 free standing tungsten or **M286** 1406 free standing halogen illuminators with lamphouse and link arm attached to heavy circular stand. Can be used with all Stereo Microscopes.
M287 1407 double tungsten illuminator, one pair or **M288** 1408 double halogen illuminator for on-stand mounting to M267 1104 large rectangular stand.
M290 1410 Vertical halogen illuminator for direct fixing to stereo body for shadowless illumination.
M291 1402 Power supply. Accepts two lamphouses 220/240V or 110/120V input, 6V output variable intensity.

Camera and video adapters - please state whether for M-400 or M-700Z, they are different

M292 1501 double iris photo attachment. The 35mm adapter will accept any 'T' mount camera body.
M293 1502 Special objective lens for checking picture focus for photography.
M294 1509 double iris photo attachment for CCTV video cameras. A video adapter for the phototube will support all standard 'C' mount cameras.

Other accessories

M295 1601 dual discussion head
M296 1508 drawing attachment. State whether for M-400 or M-700Z

Motic MS-2 Simple Mono Dissecting Microscope

Selected by the Royal Microscopical Society as the microscope for their 'Microscope in every school' campaign this simple to use robust instrument gives clear, sharp images of larger objects with correct orientation. The two models have the following features:

- * High quality glass optics
- * Locked-in widefield WF10x eyepiece with 2x objective for maximum field of view for larger specimens
- * Rack and pinion focusing for smooth precise adjustments during observation
- * The body is mounted on a height adjustable pole for easy adjustment of the viewing distance to accommodate specimens of varying thicknesses
- * Built-in stop prevents damage to objectives and specimens
- * 360° rotatable head provides maximum viewing comfort

M315 MS-2 with WF 10x eyepiece and 2x objective giving total magnification 20x

M316 MS-3 with WF 15x eyepiece and 2x objective giving total magnification 30x



M315