

Motic®

MORE THAN MICROSCOPY



STELLAR

EXPERIENCE MICROSCOPY
THE STELLAR WAY

STELLAR

A STELLAR VIEW
OF THE TINY WORLD



Developed for students of all ages
and with the classroom in mind



Smooth and clutter-free design
to minimise distractions



Easy to set up and use, with a quick
start guide for beginners



Freely rotatable head to allow multiple
users share a single microscope



Low-power and equipped with
energy-efficient features



Compact, space-saving setup
and highly portable



STELLAR

10 IMAGING

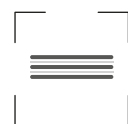
08 PERFORMANCE

06 DESIGN

04 EXPERIENCE

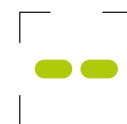
03

STELLAR EXPERIENCE



DOUBLE SLIDE STORAGE

This unique slide storage system helps maintain a tidy workplace and ensures your selected samples are always to hand.



FOCUS GUIDELINES

Focus guidelines on the stage holder and microscope body help users to quickly locate the image plane. Subsequent fine focus adjustments enable precise focusing for optimal clarity.



APERTURE DIAPHRAGM INDICATOR

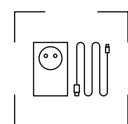
The colour coding, matched to the colour ring on the objective, indicates the correct aperture diaphragm. A slight adjustment is all that's needed to sharpen the image.

To best introduce newcomers to the captivating world of microscopy, the STELLAR series of microscopes puts the user first. STELLAR microscopes are easy to set up and use, making them perfect for students and educational settings.

The intuitive interface minimises prep work while the ergonomic design reduces distractions. Clutter is further reduced by the unique double slide storage. As part of the built-in quick start guide system, focus guidelines allow users to locate the optimal focus simply by aligning the cues, while the aperture diaphragm indicator is colour-matched to the objectives, ensuring an effortlessly sharp image.

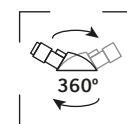


STELLAR DESIGN



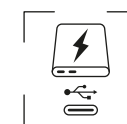
INTEGRATED STORAGE & CARRYING HANDLE

The power cord and plug are designed to be smoothly hidden away in the microscope body, keeping the space tidy. With the integrated carrying handle, the microscope can be safely and easily transported anywhere you please.



360° ROTATABLE HEAD

The freely rotatable head allows multiple users to easily share a single microscope and also enables the head to be rotated out of the way for storage.

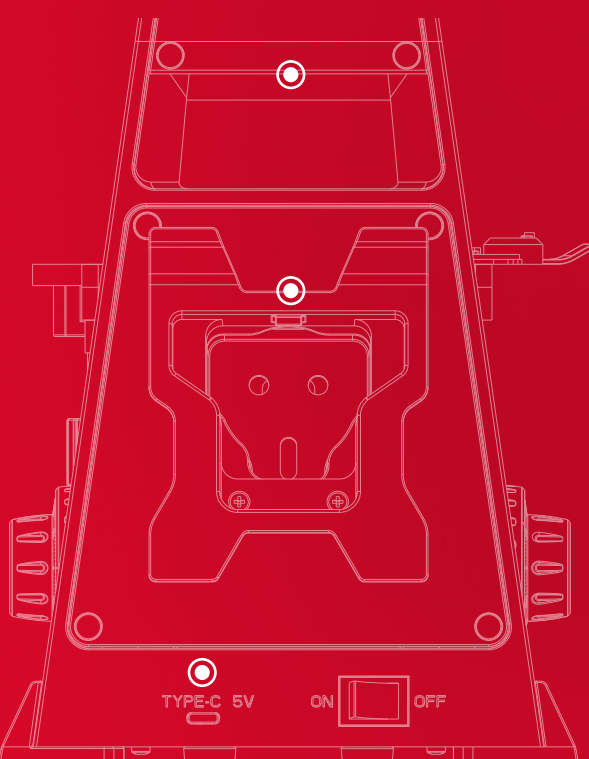


USB TYPE-C

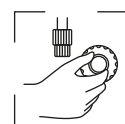
The USB Type C port enables the microscope to be connected to a standard USB-C power adaptor and even an external power bank.

With sleek, modern styling, STELLAR microscopes make the most of their compact frame. For an even smaller profile, the 360° rotatable head can be turned backwards, allowing storage in shallow cabinets.

Footprint is also minimised through an integrated holder for the power cord and adapter. And, thanks to the energy-efficient design, the USB-C port enables the microscope to be powered using a simple external power bank. Combined with the built-in carrying handle and low weight, STELLAR microscopes can go wherever you wish, even outdoors.

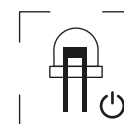


STELLAR PERFORMANCE



ERGONOMY

Ergonomic focusing knobs and a low stage control allow hands to rest on the tabletop, reducing fatigue and muscle strain.



ECO-FRIENDLY ILLUMINATION

A low-power LED light source and 30 minutes auto-power off make STELLAR microscopes eco-friendly.

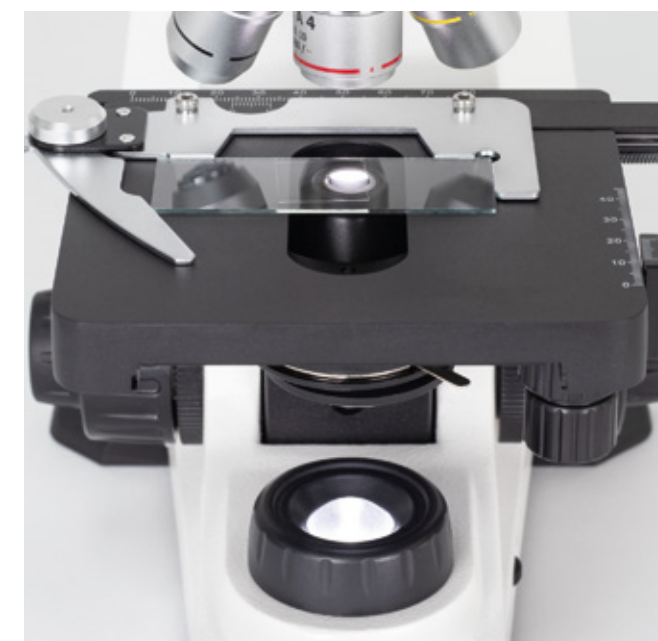


ROBUST CONSTRUCTION

Robust, resistant materials and smooth mechanisms will stand up to the rigours of school environments.

The STELLAR series of microscopes is built to endure and withstand the demands of school settings. The robust construction of the microscopes and the high-quality, wear and tear-resistant materials, as well as the stable and fixed eyepieces, make them impervious to curious yet inexperienced hands.

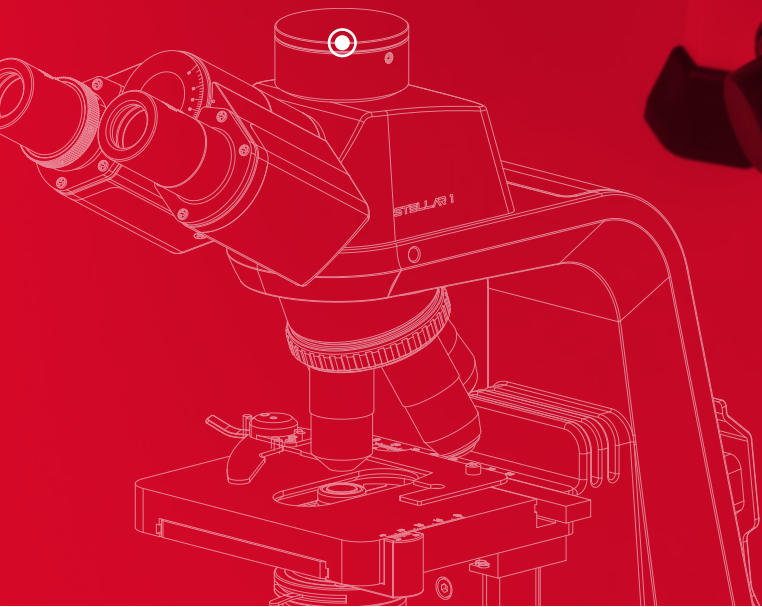
Based on the belief that comfort improves concentration, the focusing knobs and stage control are strategically positioned low on the microscope body. This allows the hands to rest on the desk, minimising fatigue and ensuring that students are at their most receptive.



STELLAR IMAGING

In educational settings, the synergy between digitisation and microscopy maximises learning. With the simple attachment of a Moticam camera and by using the supplied software, microscope slides can be viewed in real-time on any connected device, even a tablet or smartphone, or sent to a TV screen or projector. Crucially, images can be saved, edited, annotated and measured as desired.

Digitisation removes the need for printed copies, reducing waste and saving resources, and promotes teamwork, creating a dynamic and interactive learning environment. Lastly, the seamless sharing of discoveries engages and excites students and makes learning easy.



WI-FI CAMERAS

Take your microscope to the next level with the Moticam X5 Plus camera. With built-in Wi-Fi capabilities, images can be simultaneously and wirelessly shared with up to 6 devices – all you need is a smartphone or tablet!

USB STARTER LINE

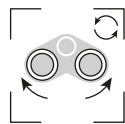
Moticam A USB cameras are affordable, accessible and adaptable. Combined with their low profile and streamlined structure and supplied with all required accessories and ‘plug and play’ technology, these cameras connect effortlessly to your computer, boosting the functionality of your microscope.

DIGITISATION AT ITS BEST

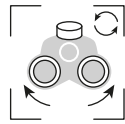
Included as standard with the trinocular model of the STELLAR series, the C-mount adaptor is all you need to connect your microscope to the outside world.



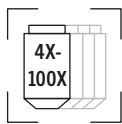
STELLAR
SPECIFICATIONS



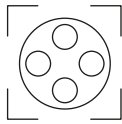
BINOCULAR HEAD
SIEDENTOPF
360° ROTATING



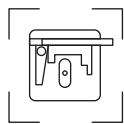
TRINOCULAR HEAD
SIEDENTOPF
360° ROTATING



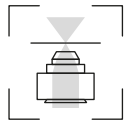
4X, 10X, 40X & 100X
OBJECTIVES



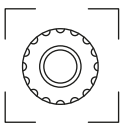
QUADRUPLE
NOSEPIECE



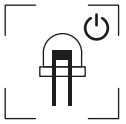
MECHANICAL
STAGE



ABBE CONDENSER
N.A. 1.25



COAXIAL FOCUSING
COARSE & FINE



LED ILLUMINATION
SLEEP MODE



Name	Stellar 1-B	Stellar 1-T
Optical system	Finite optical system, 160mm	
Observation tube	Binocular head, Siedentopf type 30° inclined, 360° rotating	Trinocular head, Siedentopf type 30° inclined, 360° rotating
Trinocular light split	-	Fixed 50:50
Interpupillary distance	48-75mm	
Diopter adjustment	On left tube, +/- 5 diopter	
Eyepieces	Widefield WF10X/18mm	
Nosepiece	Quadruple	
Objectives	EA Achromatic, 4X/0.10, 10X/0.25 , 40X/0.65/S , 100X/1.25/S-Oil	
Stand type	Upright	
Stage	Mechanical stage with built-in low position coaxial stage control and sample holder	
Stage size	125x115mm	
Travel range X&Y	70x25mm	
Condenser	Abbe Condenser N.A. 1.25 / Color coded iris diaphragm	
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment	
Fine focus precision	3.4µm	
Transmitted illumination	LED 1W with intensity control / Sleep mode (30 min. auto on-off)	
Other features	Double slide storage, smart cable and transformer storage, USB Type-C power input	
Accessories included	Dust cover, immersion oil (5ml)	
Dimensions LxWxH	338x171x338mm	
Net weight	4.2kg	4.3kg

STELLAR 1



DOUBLE SLIDE STORAGE



FOCUS GUIDELINES



APERTURE DIAPHRAGM
INDICATOR



DIGITISATION
AT ITS BEST



INTEGRATED STORAGE
& CARRYING HANDLE



360° ROTATABLE HEAD



USB TYPE-C



ROBUST CONSTRUCTION



ERGONOMY



ECO-FRIENDLY
ILLUMINATION



PERFORMANCE



IMAGING



EXPERIENCE



DESIGN





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