



STELLAR Series

# STELLAR 1-T





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<b>Optical system</b>	Finite optical system, 160mm
<b>Observation tube</b>	Trinocular head, Siedentopf type
<b>Inclination</b>	30° inclined, 360° rotating
<b>Trinocular light split</b>	Fixed 50:50
<b>Interpupillary distance</b>	48-75mm
<b>Diopter adjustment</b>	On left tube, +/- 5 diopter
<b>Eyepieces</b>	Widefield WF10X/18mm
<b>Nosepiece</b>	Quadruple
<b>Objective classification</b>	EA Achromatic, DIN
<b>Objectives</b>	4X/0.10 (WD 19mm), 10X/0.25 (WD 6.6mm), 40X/0.65/S (WD 0.45mm), 100X/1.25/S-Oil (WD 0.13mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position coaxial stage control and sample holder
<b>Stage size</b>	125x115mm
<b>Travel range X&amp;Y</b>	70x25mm
<b>Condenser</b>	Abbe Condenser N.A. 1.25
<b>Diaphragm</b>	Color coded iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	3.4µm
<b>Focusing stroke</b>	14mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Transmitted illumination</b>	DC 3.3V, LED 1W with intensity control
<b>Illumination features</b>	Sleep mode (30 min. auto on-off)
<b>Transformer</b>	External
<b>Power supply</b>	100-240V (CE)
<b>Other features</b>	Double slide storage, cable and transformer storage, USB Type-C power input (also for battery pack)
<b>Accessories included</b>	Dust cover, immersion oil (5ml), 0.5X c-mount adapter
<b>Dimensions LxWxH</b>	338x171x338mm
<b>Net weight</b>	4.3kg
<b>Notes</b>	Transport and storage case