v 1.2 2022



Trinocular brightfield microscope, 1000x, N-PLAN objectives

Brightfield   Darkfield   Darkfield   As optional			
Simple polarized light  As optional  Type Construction material Trasportation handle  Head  Type Split ratio Inclination 30° 360° rotating Interpupillary distance (mm) Diopter adjustment Fixing screw for eyepieces Tube inner diameter (mm)  Eyepieces Field number (mm) Pointer Micrometric scale Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Ruse Reversed Bi-directional Rotation Radiuminum die-cast Aluminum die-cast Asoptoal  Fricocular (Siedentopf)  So/50  Asoptoal A8-75 Diopter adjustment On both tubes Fixing screw for eyepieces Yes Tube inner diameter (mm)  23  Eyepieces Field number (mm) 20 Magnification 10x As optional Diameter of micrometer glass (mm) 21 High eyepoint (for glass wearers) Yes Rubber cup  Nosepiece Positions Quadruple Reversed Bi-directional Yes Rotation on ball bearings		-	
Main Body  Type Construction material Trasportation handle  Type Split ratio Inclination 30° 360° rotating Interpupillary distance (mm) Diopter adjustment Fixing screw for eyepieces Tube inner diameter (mm)  Magnification Pointer Micrometric scale Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Ruber on ball bearings  Ves  Quadruple Reversed Rotation on ball bearings Ves  Quadruple Reversed Rotation on ball bearings Ves  Aluminum die-cast	Transmitted Light		As optional
Construction material Trasportation handle  Head  Type Split ratio Inclination 30° 360° rotating Interpupillary distance (mm) Diopter adjustment Fixing screw for eyepieces Tube inner diameter (mm)  Eyepieces  Field number (mm) Magnification Diameter of micrometer glass (mm) Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Ruber cup  Nosepiece  Positions Reversed Bi-directional Rotation on ball bearings  Aluminum die-cast Yes Trinocular (Siedentopf) Soldentopf) Asopto On both tubes Yes Yes Tube inner diameter (mm) 23  Eyepieces Field number (mm) 20 Magnification 10x As optional As optional Diameter of micrometer glass (mm) 21 High eyepoint (for glass wearers) Yes Rubber cup Yes		Simple polarized light	As optional
Construction material Trasportation handle  Head  Type Split ratio Inclination 30° 360° rotating Interpupillary distance (mm) Diopter adjustment Fixing screw for eyepieces Tube inner diameter (mm)  Eyepieces  Field number (mm) Magnification Diameter of micrometer glass (mm) Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Ruber cup  Nosepiece  Positions Reversed Bi-directional Rotation on ball bearings  Aluminum die-cast Yes Trinocular (Siedentopf) Soldentopf) Asopto On both tubes Yes Yes Tube inner diameter (mm) 23  Eyepieces Field number (mm) 20 Magnification 10x As optional As optional Diameter of micrometer glass (mm) 21 High eyepoint (for glass wearers) Yes Rubber cup Yes			
Trasportation handle  Type Split ratio Sol/50 Inclination 30° 360° rotating Interpuillary distance (mm) Diopter adjustment Fixing screw for eyepieces Tube inner diameter (mm)  Eyepieces Field number (mm)  As optional Micrometric scale Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Rubercup  Positions Reversed Bi-directional Rotation on ball bearings  Trinocular (Siedentopf) Trinocular (Siedentopf) Siedentopf)  Trinocular (Siedentopf) Siedentopf)  As option 100  Trinocular (Siedentopf) Siedentopf)  Pes  Tube inner disance (mm) 48-75 On both tubes Yes  Yes  Tube inner diameter (mm) 20 Magnification 10x Pointer As optional As optional 21 High eyepoint (for glass wearers) Yes Rubber cup Yes  Reversed Yes Bi-directional Yes Rotation on ball bearings	Main Body	Туре	Upright
Head		Construction material	Aluminum die-cast
Split ratio   50/50     Inclination   30°     360° rotating   Yes     Interpupillary distance (mm)   48-75     Diopter adjustment   On both tubes     Fixing screw for eyepieces   Yes     Tube inner diameter (mm)   23      Eyepieces   Field number (mm)   20     Magnification   10x     Pointer   As optional     Micrometric scale   As optional     Diameter of micrometer glass (mm)   21     High eyepoint (for glass wearers)   Yes     Rubber cup   Yes     Nosepiece   Positions   Quadruple     Reversed   Yes     Bi-directional   Yes     Rotation on ball bearings   Yes		Trasportation handle	Yes
Split ratio   50/50     Inclination   30°     360° rotating   Yes     Interpupillary distance (mm)   48-75     Diopter adjustment   On both tubes     Fixing screw for eyepieces   Yes     Tube inner diameter (mm)   23      Eyepieces   Field number (mm)   20     Magnification   10x     Pointer   As optional     Micrometric scale   As optional     Diameter of micrometer glass (mm)   21     High eyepoint (for glass wearers)   Yes     Rubber cup   Yes     Nosepiece   Positions   Quadruple     Reversed   Yes     Bi-directional   Yes     Rotation on ball bearings   Yes			
Inclination	Head	Туре	Trinocular (Siedentopf)
Soo° rotating   Yes     Interpupillary distance (mm)   48-75     Diopter adjustment   On both tubes     Fixing screw for eyepieces   Yes     Tube inner diameter (mm)   23      Eyepieces   Field number (mm)   20     Magnification   10x     Pointer   As optional     Micrometric scale   As optional     Diameter of micrometer glass (mm)   21     High eyepoint (for glass wearers)   Yes     Rubber cup   Yes      Nosepiece   Positions   Quadruple     Reversed   Yes     Bi-directional   Yes     Rotation on ball bearings   Yes		Split ratio	50/50
Interpupillary distance (mm)  Diopter adjustment  Fixing screw for eyepieces Tube inner diameter (mm)  23  Eyepieces  Field number (mm)  Magnification Pointer As optional Micrometric scale Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Rubber cup  Nosepiece  Positions Reversed Bi-directional Rotation on ball bearings  Ves  Nober ves  Nosepiece  Reversed Rotation on ball bearings  Ves  Nosepiece  Nosepiece  Reversed Positions Reversed Positions Reversed Rotation on ball bearings  Ves		Inclination	30°
Diopter adjustment Fixing screw for eyepieces Tube inner diameter (mm)  Eyepieces Field number (mm)  Magnification Pointer As optional Micrometric scale Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Rubber cup  Nosepiece Positions Reversed Bi-directional Rotation on ball bearings  On both tubes Yes  Ves  Quadruple Quadruple Quadruple Reversed Bi-directional Rotation on ball bearings		360° rotating	Yes
Fixing screw for eyepieces   Yes		Interpupillary distance (mm)	48-75
Tube inner diameter (mm)  Eyepieces  Field number (mm)  Magnification  Pointer  As optional  Micrometric scale  Diameter of micrometer glass (mm)  High eyepoint (for glass wearers)  Rubber cup  Positions  Reversed  Bi-directional  Rotation on ball bearings  Field number (mm)  20  As optional  10x  Positional  As optional  Yes  Quadruple  Quadruple  Yes  Reversed  Fostions  Rotation on ball bearings		Diopter adjustment	On both tubes
Field number (mm)  Magnification Pointer As optional Micrometric scale Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Rubber cup  Nosepiece Positions Reversed Bi-directional Rotation on ball bearings  Pield number (mm) As optional As opt		Fixing screw for eyepieces	Yes
Magnification 10x Pointer As optional Micrometric scale As optional Diameter of micrometer glass (mm) 21 High eyepoint (for glass wearers) Yes Rubber cup Yes  Nosepiece Positions Quadruple Reversed Yes Bi-directional Yes Rotation on ball bearings Yes		Tube inner diameter (mm)	23
Magnification 10x Pointer As optional Micrometric scale As optional Diameter of micrometer glass (mm) 21 High eyepoint (for glass wearers) Yes Rubber cup Yes  Nosepiece Positions Quadruple Reversed Yes Bi-directional Yes Rotation on ball bearings Yes			
Pointer  Micrometric scale Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Rubber cup  Positions Reversed Bi-directional Rotation on ball bearings  As optional As opt	Eyepieces	Field number (mm)	20
Micrometric scale Diameter of micrometer glass (mm) High eyepoint (for glass wearers) Rubber cup  Nosepiece Positions Reversed Positions Reversed Bi-directional Rotation on ball bearings  As optional  As optional  Quadruple  Yes  Quadruple  Yes  Reversed Yes  Rotation on ball bearings Yes		Magnification	10x
Diameter of micrometer glass (mm)  High eyepoint (for glass wearers)  Rubber cup  Yes  Positions  Reversed  Bi-directional  Rotation on ball bearings  Yes  Positions  Quadruple  Yes  Rotation on ball bearings  Yes		Pointer	As optional
High eyepoint (for glass wearers)  Rubber cup  Yes  Nosepiece  Positions  Reversed  Bi-directional  Rotation on ball bearings  Yes  Yes  Yes  Yes		Micrometric scale	As optional
Nosepiece       Positions       Quadruple         Reversed       Yes         Bi-directional       Yes         Rotation on ball bearings       Yes		Diameter of micrometer glass (mm)	21
Nosepiece Positions Quadruple Reversed Yes Bi-directional Yes Rotation on ball bearings Yes		High eyepoint (for glass wearers)	Yes
Reversed Yes Bi-directional Yes Rotation on ball bearings Yes		Rubber cup	Yes
Reversed Yes Bi-directional Yes Rotation on ball bearings Yes			
Bi-directional Yes Rotation on ball bearings Yes	Nosepiece	Positions	Quadruple
Rotation on ball bearings Yes		Reversed	Yes
		Bi-directional	Yes
Objective thread RMS		Rotation on ball bearings	Yes
		Objective thread	RMS

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Objectives	Optical system	160
	Anti-fungus treatment	Yes
	Parfocal distance (mm)	45
	Standard magnifications	40x-1000x
	Туре	N-PLAN
		4x/0.10, W.D. 15.2 mm
		10x/0.25, W.D. 5.5 mm
		40x/0.65, W.D. 0.45 mm
		100x/1.25 (Oil/Water), W.D. 0.13 mm
Stage	Type	Double layer
	Dimensions (mm)	150x139
	Moving mechanism	Rackless
	Moving range (mm)	75x33
	Material	Anti-scratch painting
	Specimen holder	Yes
	Slide number	1
	X-Y Vernier scale	Yes
	Vernier scale accuracy (mm)	0.1
Condenser - Single	Туре	Abbe
Position	Removable	Yes
	Numerical aperture (N.A.)	1.25
	Magnification scale for simplified positioning	Yes
	Diaphragm	Iris
	Centrable	Yes
	Focusable	By rack and pinion
Focusing System	Туре	Coaxial coarse & fine
	Coarse total travel (mm)	18
	Fine total travel (per single rotation) (mm)	0,4
	Fine graduations	100
	Fine resolution (µm)	4
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes
Transmitted	Kohler illumination	Fixed
Illumination	Туре	X-LED
	X-LED type	X-LED3
	Light source power (W)	3.6
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	6
Power Supply for	Туре	External
Transmitted	Microscope connector	Jack, 2.1 mm
Illumination	Power plug type	Multi-plug (EU, UK, US)
	Input voltage	100/240 Vac, 50/60 Hz
	Output voltage	6 Vdc 2.5 A
Accessories Included	Dust cover	Yes
	Immersion oil (10ml)	Yes
	Tension adjustment tool	Yes
	User Manual	Digital version (downloadable)

Additional Information		Mirror for transmitted light (as optional). External rechargeable battery pack (as optional).
<b>Product Dimensions</b>	Height (mm)	440
	Width (mm)	235
	Depth (mm)	320
<b>Product Weight</b>	(kg)	6.5