HumaScope LINE

Specifications



HumaScope Light



HumaScope Classic

Height adjustable

6V/20W, Halogen

Adjustable brightness Köhler illumination

Filter holder





| Head | Binocular | Binocular |
|--------------|----------------------------|---------------------------|
| | Compensation free | Compensation free |
| | 360° rotatable | 360° rotatable |
| | 30° inclination | 30° inclination |
| | | |
| Eyepiece | Widefield, 10x / 18 mm | Widefield, 10x / 18 mm |
| | | |
| Objectives | Achromatic | Semi-plan-achromatic |
| | 4x, 10x, 40x, 100x | 4x, 10x, 40x, 100x |
| | (Oil immersion) | (Oil immersion) |
| | 40, 100x spring loaded | 40, 100x spring loaded |
| | | |
| Revolver | 4-positions forward | 4-positions reverse |
| | | |
| Stage | Mechanical | Mechanical |
| | Size: 115 x 125 mm | Size: 125 x 135 mm |
| | Range: 30 x 70 mm | Range: 35 x 75 mm |
| | | |
| Focus System | Coaxial course/fine focus | Coaxial course/fine focus |
| | gear transmission with | gear transmission with |
| | tension adjustable knob | tension adjustable knob |
| | and limit stopper system | and up-stop knob |
| | | |
| Condensor | Abbe condenser 1.25 N.A. | Abbe condenser 1.25 N.A. |
| | Rack and pinion adjustment | Rack and pinion adjustmen |
| | | |

Height adjustable Filter holder

Adjustable brightness

Light Source 12 V / 20 W, Halogen

| assic | HumaScope Advanced | HumaScope Premium |
|-------------|----------------------------|---------------------------|
| | | • |
| | Binocular | Binocular |
| free | Compensation free | Compensation free |
| | 360° rotatable | 360° rotatable |
| | 30° inclination | 30° inclination |
| | | |
| 18 mm | Widefield, 10x / 18 mm | Widefield, 10x / 20 mm |
| | | |
| omatic | Plan-achromatic | Infinity-plan-achromatic |
| X | 4x, 10x, 40x, 100x | 4x, 10x, 40x, 100x |
|) | (Oil immersion) | (Oil immersion) |
| loaded | 40, 100x spring loaded | 40, 100x spring loaded |
| | | |
| erse | 5-positions reverse | 5-positions reverse |
| | | |
| | Mechanical | Mechanical |
| m | Size: 125 x 135 mm | Size: 140 x 240 mm |
| nm | Range: 35 x 75 mm | Range: 50 x 75 mm |
| | | |
| fine focus | Coaxial course/fine focus | Coaxial course/fine focus |
| on with | gear transmission with | gear transmission with |
| ble knob | tension adjustable knob | tension adjustable knob |
| ob | and up-stop knob | and up-stop knob |
| | | |
| r 1.25 N.A. | Abbe condenser 1.25 N.A. | Abbe condenser 1.25 N.A. |
| adjustment | Rack and pinion adjustment | Rack and pinion adjustme |
| ole | Height adjustable | Height adjustable |
| | Filter holder | Filter holder |
| | | |
| gen | 6V/20W, Halogen | 6V/20W, Halogen |
| htness | Adjustable brightness | Adjustable brightness |
| tion | Köhler illumination | Köhler illumination |
| | | |

HumaScope Line New Generation

New

Binocular Laboratory Microscopes







HumaScope LINE

New series of microscopes developed for use in laboratories, practices, education, research and more



New series of HumaScopes Routine microscopes for general use in laboratories and doctors' practices: > Exceptional durability designed for long-lasting performance under **HumaScope Classic** intensive daily use > Semi-plan-achromatic objectives > High quality optics -**HumaScope Advanced** with anti-fungal treated > Plan-achromatic objectives > Siedentop type, compensation free, > Proven HumaScope concept and individually adjustable head with modern precision mechanics and optics > Wide range of accessories: phase contrast, > Koehler illumination

dark field, polarization kit, cameras and

> Large-format mechanical stage

many more

> Robust construction

> Mold growth in corn, cotton etc.

> Upgradeable





HumaScope Premium Low cost, small size, simple routine microscope: Optimized for hematology, dermatology, urinalysis, histology and other demanding **HumaScope Light** applications **AREAS OF APPLICATION EXCELLENT OPTICS AND IMAGE** > Schools, teaching facilities > Infinity-corrected plan achromatic objectives > Primary health care stations > Clear, sharp image, high contrast, excellent in remote areas colour fidelity, evenly illuminated field of view > laboratories and doctors' practices > Koehler illumination with only basic equipment **EASY AND FATIGUE-FREE OPERATION BASIC EXAMINATIONS SUCH AS** > One finger focusing > Detection of malaria parasites in > Ergonomic stage drive blood smears > Testing of drinking water > Reverse nosepiece for more working space and easy slide changes for contamination

