

# HumaScope LINE

## Specifications



HumaScope Light

|              |   |
|--------------|---|
| Head         | Binocular   |
|              | Compensation free   |
|              | 360° rotatable  |
|              | 30° inclination   |
| Eyepiece     | Widefield, 10x / 18 mm  |
| Objectives   | Achromatic  |
|              | 4X, 10X, 40X, 100X  |
|              | (Oil immersion)   |
|              | 40, 100x spring loaded  |
| Revolver     | 4-positions forward   |
| Stage        | Mechanical  |
|              | Size: 115 x 125 mm  |
|              | Range: 30 x 70 mm   |
| Focus System | Coaxial course/fine focus   |
|              | gear transmission with tension adjustable knob and limit stopper system |
| Condensor    | Abbe condenser 1.25 N.A.  |
|              | Rack and pinion adjustment  |
|              | Height adjustable   |
|              | Filter holder   |
| Light Source | 12 V / 20 W, Halogen  |
|              | Adjustable brightness   |



HumaScope Classic

|              |   |
|--------------|---|
| Head         | Binocular   |
|              | Compensation free   |
|              | 360° rotatable  |
|              | 30° inclination   |
| Eyepiece     | Widefield, 10x / 18 mm  |
| Objectives   | Semi-plan-achromatic  |
|              | 4X, 10X, 40X, 100X  |
|              | (Oil immersion )  |
|              | 40, 100x spring loaded  |
| Revolver     | 4-positions reverse   |
| Stage        | Mechanical  |
|              | Size: 125 x 135 mm  |
|              | Range: 35 x 75 mm   |
| Focus System | Coaxial course/fine focus                                       |
|              | gear transmission with tension adjustable knob and up-stop knob |
| Condensor    | Abbe condenser 1.25 N.A.  |
|              | Rack and pinion adjustment                                      |
|              | Height adjustable   |
|              | Filter holder   |
| Light Source | 6 V / 20 W, Halogen   |
|              | Adjustable brightness   |
|              | Köhler illumination   |



HumaScope Advanced

|              |   |
|--------------|---|
| Head         | Binocular   |
|              | Compensation free   |
|              | 360° rotatable  |
|              | 30° inclination   |
| Eyepiece     | Widefield, 10x / 18 mm  |
| Objectives   | Plan-achromatic   |
|              | 4X, 10X, 40X, 100X  |
|              | (Oil immersion )  |
|              | 40, 100x spring loaded  |
| Revolver     | 5-positions reverse   |
| Stage        | Mechanical  |
|              | Size: 125 x 135 mm  |
|              | Range: 35 x 75 mm   |
| Focus System | Coaxial course/fine focus                                       |
|              | gear transmission with tension adjustable knob and up-stop knob |
| Condensor    | Abbe condenser 1.25 N.A.  |
|              | Rack and pinion adjustment                                      |
|              | Height adjustable   |
|              | Filter holder   |
| Light Source | 6 V / 20 W, Halogen   |
|              | Adjustable brightness   |
|              | Köhler illumination   |



HumaScope Premium

|              |   |
|--------------|---|
| Head         | Binocular   |
|              | Compensation free   |
|              | 360° rotatable  |
|              | 30° inclination   |
| Eyepiece     | Widefield, 10x / 20 mm  |
| Objectives   | Infinity-plan-achromatic  |
|              | 4X, 10X, 40X, 100X  |
|              | (Oil immersion )  |
|              | 40, 100x spring loaded  |
| Revolver     | 5-positions reverse   |
| Stage        | Mechanical  |
|              | Size: 140 x 240 mm  |
|              | Range: 50 x 75 mm   |
| Focus System | Coaxial course/fine focus                                       |
|              | gear transmission with tension adjustable knob and up-stop knob |
| Condensor    | Abbe condenser 1.25 N.A.  |
|              | Rack and pinion adjustment                                      |
|              | Height adjustable   |
|              | Filter holder   |
| Light Source | 6 V / 20 W, Halogen   |
|              | Adjustable brightness   |
|              | Köhler illumination   |

# HumaScope LINE

## NEW GENERATION

| Binocular Laboratory Microscopes

NEW



- > Extended line
- > Enhanced features
- > Modern and ergonomic design

Available 1st quarter 2009



# HumaScope LINE

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



**HumaScope Premium**  
Cat. No. 14300

|  |  |
|--|--|
| <b>NEW SERIES OF HumaScopes</b>  |  |
| Routine microscopes for general use in laboratories and doctors' practices:                    |  |
| <b>HumaScope Classic</b>   |  |
| Semi-plan-achromatic objectives  |  |
| <b>HumaScope Advanced</b>  |  |
| Plan-achromatic objectives   |  |
| Proven HumaScope concept with modern precision mechanics and optics                            |  |
| Koehler illumination   |  |
| Robust construction  |  |
| Upgradeable  |  |
| <b>HumaScope Premium</b>   |  |
| Low cost, small size, simple routine microscope:   |  |
| <b>HumaScope Light</b>   |  |
| AREAS OF APPLICATION   |  |
| Schools, teaching facilities   |  |
| Primary health care stations in remote areas   |  |
| laboratories and doctors' practices with only basic equipment                                  |  |
| <b>BASIC EXAMINATIONS SUCH AS</b>  |  |
| Detection of malaria parasites in blood smears   |  |
| Testing of drinking water for contamination  |  |
| Mold growth in corn, cotton etc.   |  |
| <b>EXCELLENT OPTICS AND IMAGE</b>  |  |
| Infinity-corrected plan achromatic objectives  |  |
| Clear, sharp image, high contrast, excellent colour fidelity, evenly illuminated field of view |  |
| Koehler illumination   |  |
| <b>EASY AND FATIGUE-FREE OPERATION</b>   |  |
| One finger focusing  |  |
| Ergonomic stage drive  |  |
| Reverse nosepiece for more working space and easy slide changes                                |  |
| Large-format mechanical stage  |  |



**HumaScope Classic**  
Cat. No. 14100



**HumaScope Advanced**  
Cat. No. 14200



**HumaScope Light**  
Cat. No. 14000