

YS600 / YS800 / YS900

Biological Microscope Series

Three observation configurations. One digital imaging option.



Choose your contrast

Darkfield, phase contrast or switchable darkfield / phase contrast.

Comfortable control

30° trinocular head and low-position coaxial coarse / fine focusing.

Capture and share

All three models can be paired with the HD3900 HDMI camera.

Product photograph; model-specific optical configurations are listed below.

Choose the configuration for your workflow

YS600

Darkfield

40× plan achromatic objective

Darkfield condenser

YS800

Phase contrast

40× phase-contrast objective

Phase-contrast condenser

YS900

Dual-mode flagship

40× phase-contrast objective

Phase-contrast condenser + pull-out darkfield / phase-contrast slide

Technical overview

Shared microscope specifications

Eyepieces	High-eyepoint, widefield plan eyepieces
Viewing head	30° inclined trinocular head
Focusing	Coaxial coarse / fine; 0.005 mm fine-focus precision
Stage	210 × 140 mm; X/Y travel 75 × 50 mm
Illumination	5 W LED transmitted illumination
Adjustment	Interpupillary distance 48-75 mm; diopter ±5
Camera interface	C-mount

HD3900

HDMI digital microscope camera

1920 × 1080 | 60 fps | 2 megapixels

- HDMI live viewing with mouse-operated controls
- Automatic exposure and white balance
- Still-image storage and HD video recording
- USB 3.0 video transfer to PC software
- 1/2-inch sensor format; DC 12 V input



Observe. Display. Document.

Focus the specimen through the microscope, display the image via HD3900, then save still images or video for review and communication.

Confirm the selected optical configuration, camera package and accessories when ordering.