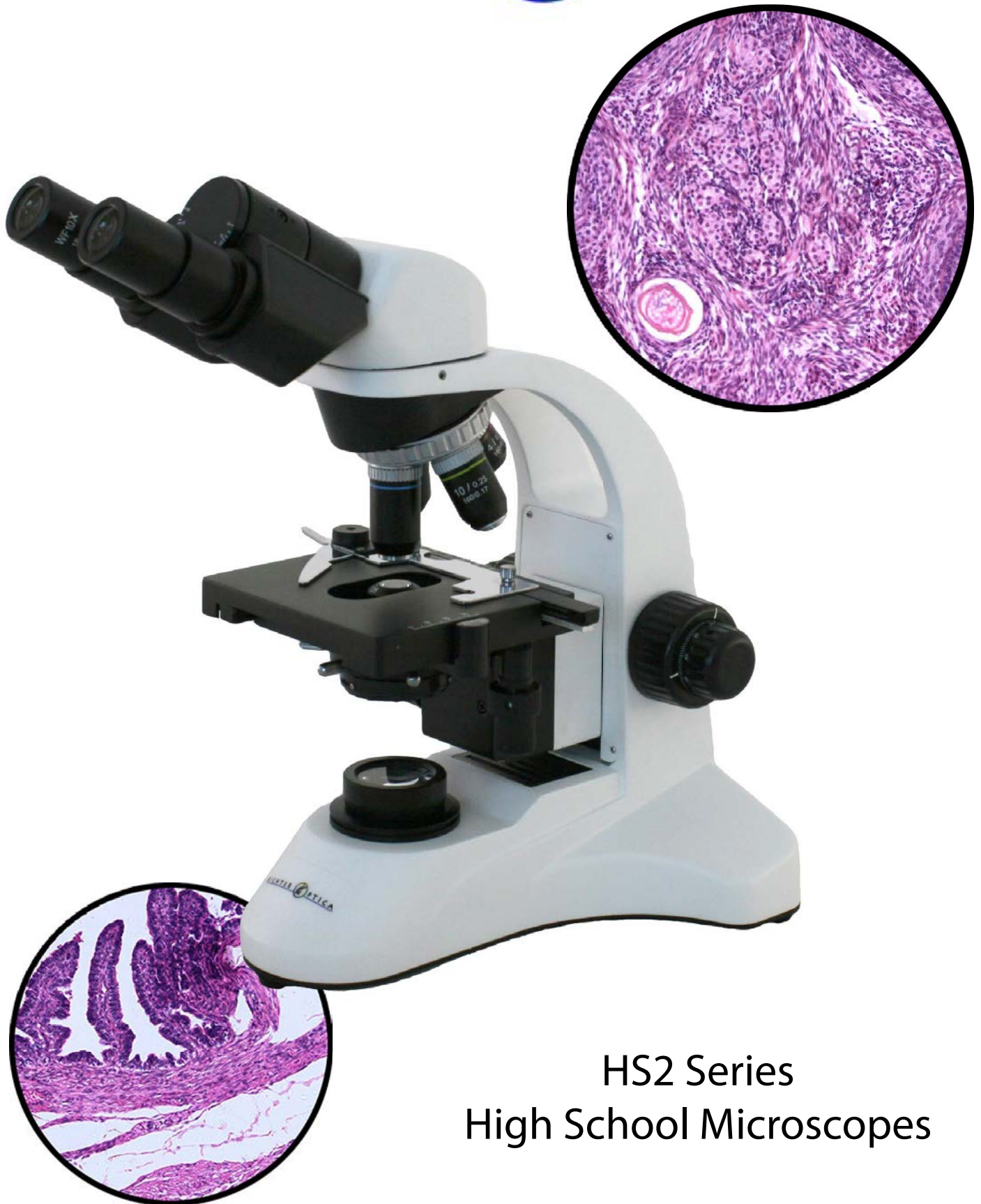


RICHTER OPTICA



HS2 Series
High School Microscopes



HS-2M Monocular Microscope

Head rotates 360°.

Widefield 10x Eyepiece, FN 18.

Cool LED illumination.

Achromat color-coded objectives.

Built-in mechanical stage.

Separate coarse & fine focusing.

Abbe NA 1.25 Condenser with Iris Diaphragm.

All metal parts construction and glass optics.



HS-2B Binocular Microscope

Interpupillary Adjustment from 55-75mm.

Widefield 10x Eyepieces, FN 18.

Cool LED illumination.

Achromat color-coded objectives.

Built-in mechanical stage.

Separate coarse & fine focusing.

Abbe NA 1.25 Condenser with Iris Diaphragm.

All metal parts construction and glass optics.



HS-2D Digital Microscope

- 3 Megapixel USB Camera.
- Software for PC: measure, capture, record video.
- Widefield 10x Eyepieces, FN 18.
- Cool LED illumination.
- Achromat color-coded objectives.
- Built-in mechanical stage.
- Separate coarse & fine focusing.
- Abbe NA 1.25 Condenser with Iris Diaphragm.
- All metal parts construction and glass optics.



HS-2-WiFi Digital WiFi Microscope

- 1.3 Megapixel WiFi & USB Camera.
- View live images on up to 6 devices (tablet, phone, etc.) using free App.
- Software for PC & MAC: measure, capture, record video, make annotations.
- Camera has its own WiFi network.
- Cool LED illumination.
- Achromat color-coded objectives.
- Built-in mechanical stage.
- Separate coarse & fine focusing.
- Abbe NA 1.25 Condenser with Iris Diaphragm.





HS-2 High School Microscope Features

OBJECTIVE LENSES:

DIN Standard Achromat 4x, 10x, 40xR, 100xR oil immersion. Objectives are parfocalled, parcentered and color coded. Mounted in reverse-facing quadruple nosepiece.

VIEWING HEAD:

Monocular, binocular or trinocular (digital models). Head Rotates 360°.

EYEPIECES:

Widefield 10x, FN 18. Interpupillary adjustment 55-75mm. Eyepiece can be fitted with 20mm diameter reticle if reticle retaining ring is obtained.

STAGE:

Large 125mm x 115mm stage with built-in mechanical stage. Mechanical stage provides X-Y movement of 55mm x 75mm.

CONDENSER:

Abbe NA 1.25 condenser with iris diaphragm. Includes swing-out filter holder for 32mm filter.

FOCUSING:

Rack and pinion coarse focus with tension adjustment. Separate fine focus control. Coarse focus moves stage 20mm. Fine focus 0.2mm / rotation.

ILLUMINATION:

1W LED cool illumination with intensity control. Corded microscope is voltage sensing 100~240V.

INCLUDED:

Dust cover, blue filter and immersion oil (with 100x models).

WARRANTY:

5 Year Warranty excluding LED bulb.



HS-2 Microscope Models

Microscope Model	Head	Achromat Objectives	Camera
HS-2M-3	Monocular	4x, 10x, 40xR	None
HS-2M	Monocular	4x, 10x, 40xR, 100xR Oil	None
HS-2B-3	Binocular	4x, 10x, 40xR	None
HS-2B	Binocular	4x, 10x, 40xR, 100xR Oil	None
HS-2D	Trinocular	4x, 10x, 40xR, 100xR Oil	3MP USB
HS-2-WiFi	Trinocular	4x, 10x, 40xR, 100xR Oil	1.3MP WiFi



HS-2D



HS-2B



HS-2M



HS-2-WiFi