

COLPOSCOPE

AC-2000 Series

Colposcope

Choose your magnification. Add your camera.

Colposcope offered in single-magnification or 3-step configurations, with a 1080P Full HD video camera on selected models. Apochromatic optics, a 300 mm focal length, a built-in green filter, measuring circles and LED illumination on a compact five-wheel base.

3.75X–15X

3-step total
magnification

300 mm

Focal length

>30,000 lux

Light intensity



Highlights

Apochromatic optics

An apochromatic optical design gives a sharp, colour-true view with a large depth of field, for a clear three-dimensional image of the examination area.

Single or 3-step magnification

Choose single magnification or three manual steps. The right eyepiece carries two measuring circles for a quick visual size reference.

LED light and green filter

Long-life LED illumination with brightness adjustment, plus a built-in green filter that can be switched in to enhance contrast.

Ready to use

A compact, lightweight unit on a wheeled base that is easy to move between rooms and is supplied fully assembled. The AC-2111 and AC-2311 add a Full HD video camera.



Key features

- Apochromatic optical design.
- 3-step (3.75X / 7.5X / 15X) or single (7.5X) magnification, with a 300 mm focal length.
- Individually adjustable 16.7X eyepiece; the right eyepiece has two built-in measuring circles.
- User-selectable built-in green filter for enhanced contrast.
- LED illumination over 30,000 lux, with brightness adjustment and an easily changeable bulb rated over 10,000 hours.
- Integrated 1080P Full HD video camera on the AC-2111 and AC-2311.
- Light 11 kg unit on a five-wheel base; supplied assembled.

Specifications

OPTICS & OBSERVATION

Complete units	AC-2110 single magnification, straight binocular, no camera · AC-2111 single magnification, straight binocular, Full HD video camera · AC-2310 3-step, straight binocular, no camera · AC-2311 3-step, straight binocular, Full HD video camera
Total magnification	3.75X / 7.5X / 15X (3-step models); 7.5X (single-magnification models)
Focal length	300 mm
Field of view	79 / 39 / 19 mm diameter (3-step models); 39 mm (single-magnification models)
Depth of field	4.5 / 1.13 / 0.76 mm (3-step models); 1.13 mm (single-magnification models)
Eyepiece	Individually adjustable 16.7X eyepiece; two measuring circles built into the right eyepiece
Optics	Apochromatic optical design
Video	1080P Full HD real-time output module (integrated Full HD video camera on AC-2111 and AC-2311)
Working height	950–1250 mm; gross and fine height-adjustment handles
Focus	Fine focus adjustment handles
Assembly	Supplied completely assembled and ready for use once powered on

LIGHT & ILLUMINATION

Light intensity	>30,000 lux; built-in rheostat for brightness adjustment
Illumination	LED bulb, easily changeable; bulb life over 10,000 hours / 10 years
Filter	User-selectable built-in green filter for enhanced contrast

POSITIONING & INSTALLATION

Assembly kits / stand options	Assembly-kit versions (colposcope head, head holder and power supply, without post and base); tilting-stand versions
Weight / base	11 kg; base with 5 wheels (tilt-base model also available)
Main power supply	100–240 V

Configurations

- AC-2111: single magnification with Full HD video camera.
- AC-2110: single magnification without camera.
- AC-2311: 3-step magnification with Full HD video camera.
- AC-2310: 3-step magnification without camera.

Specifications can change and may vary by configuration. Confirm the supplied specifications before ordering.

Alltione Australia · alltione.com.au · sales@alltione.com.au