



MedGyn

Innovative Products for Ob/Gyn Professionals

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Stereoscopic Colposcopes



High Resolution
Stereoscopic
Colposcope

Model AL-104

Stereoscopic Colposcopes

AL-104 COLPOSCOPE



◀ The AL-104 colposcope is a high resolution, state of the art stereoscopic colposcope designed for routine gynecological examinations, teaching, and research. The scope is equipped with five different magnifications, adjustable fiber optic illumination, and an optical beam splitter for attachment of photographic equipment and a teaching co-observation tube.

STANDARD FEATURES

Five step magnification: 3x, 5x, 8x, 13x, 21x

Built-in dual beam splitter for variable magnification documentation

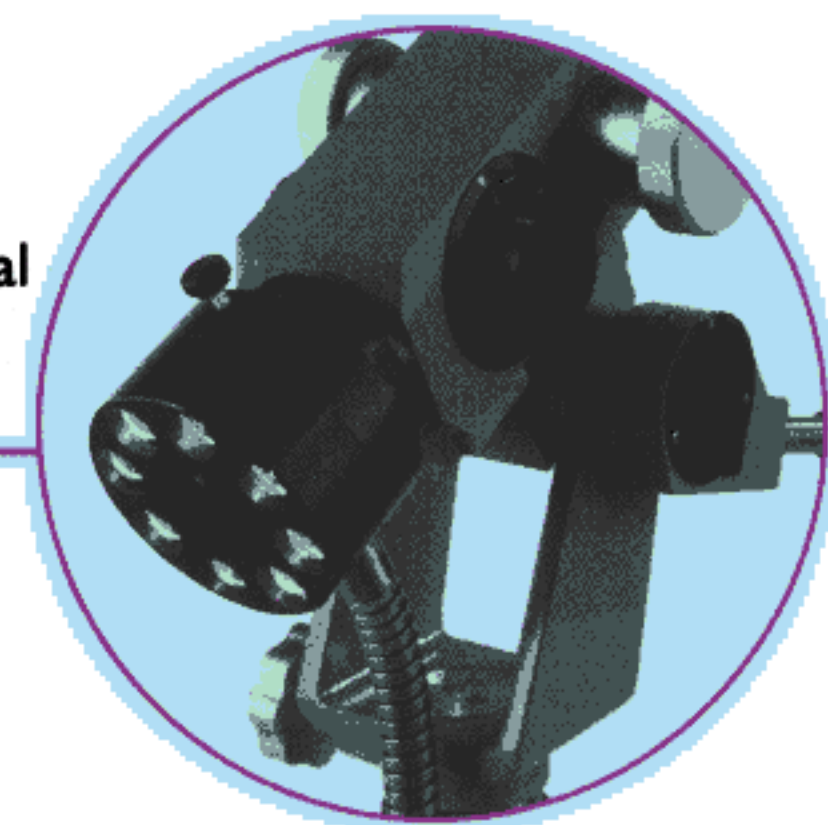
High quality stereoscopic optics

150 watt halogen light source with variable intensity

300mm objective lens (working distance)

Built-in red-free green filter for improved vessel delineation

Eight lens fiber optic ring light for exceptional illumination on your working (viewing) area



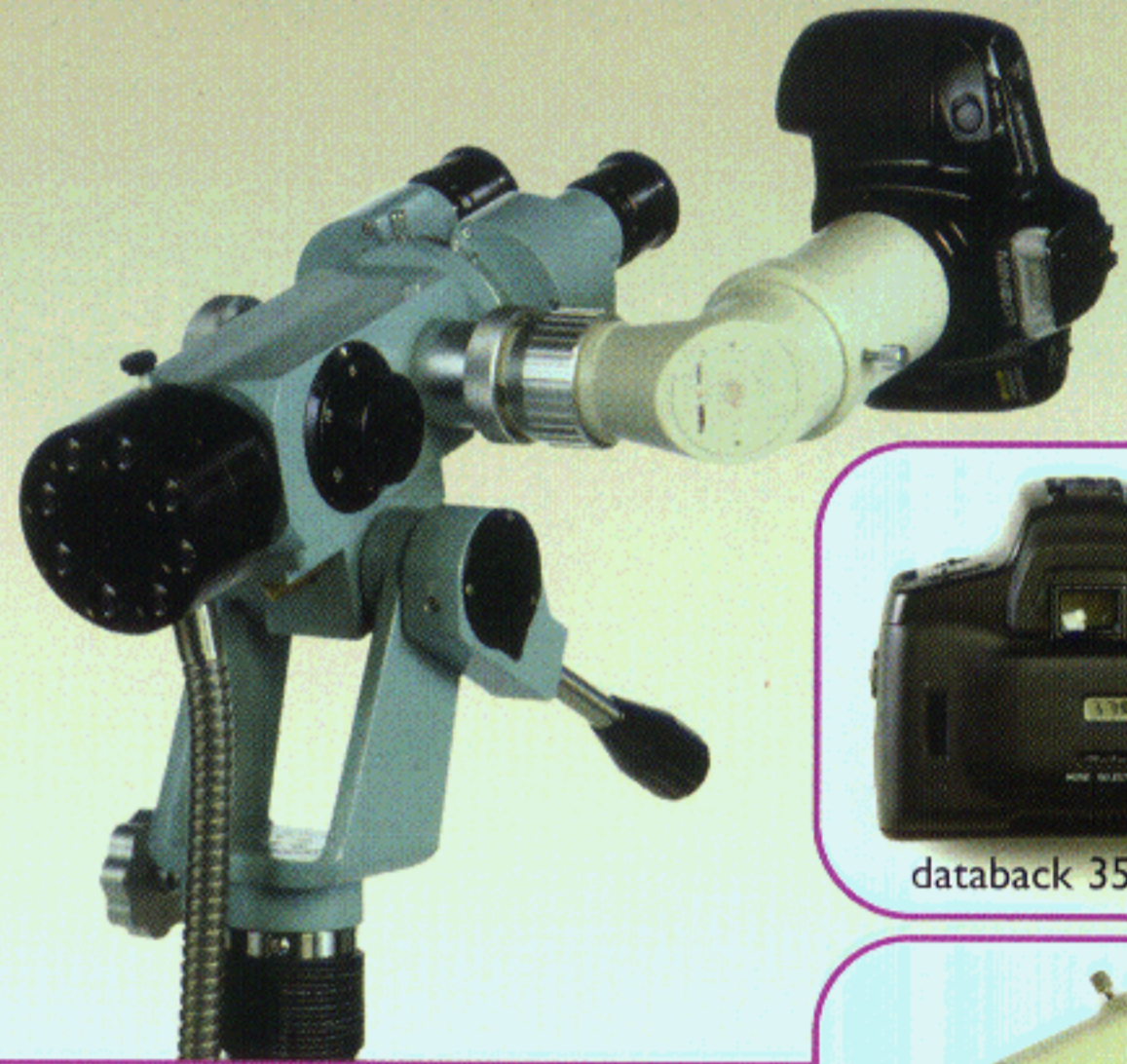
AL-104SA COLPOSCOPE



◀ The AL-104SA colposcope features an overhead locking 360° articulating arm to provide optimum, unrestricted viewing and clear access during colposcopy, biopsy, or LEEP procedures. The AL-104SA is equipped with all the same technology found in our popular AL-104 model with the addition of an autoclavable instrument tray and a sturdy weighted roller base for perfect balance and smooth mobility.

35mm photographic documentation allows physicians to capture still photography of procedures in progress. 35mm cameras are easy to attach and will automatically imprint the time, date, and an ID number directly on to the photograph.

35mm Camera System with Patient Identification



databack 35mm camera



adapter and T-mount



Video Colposcopy Camera System

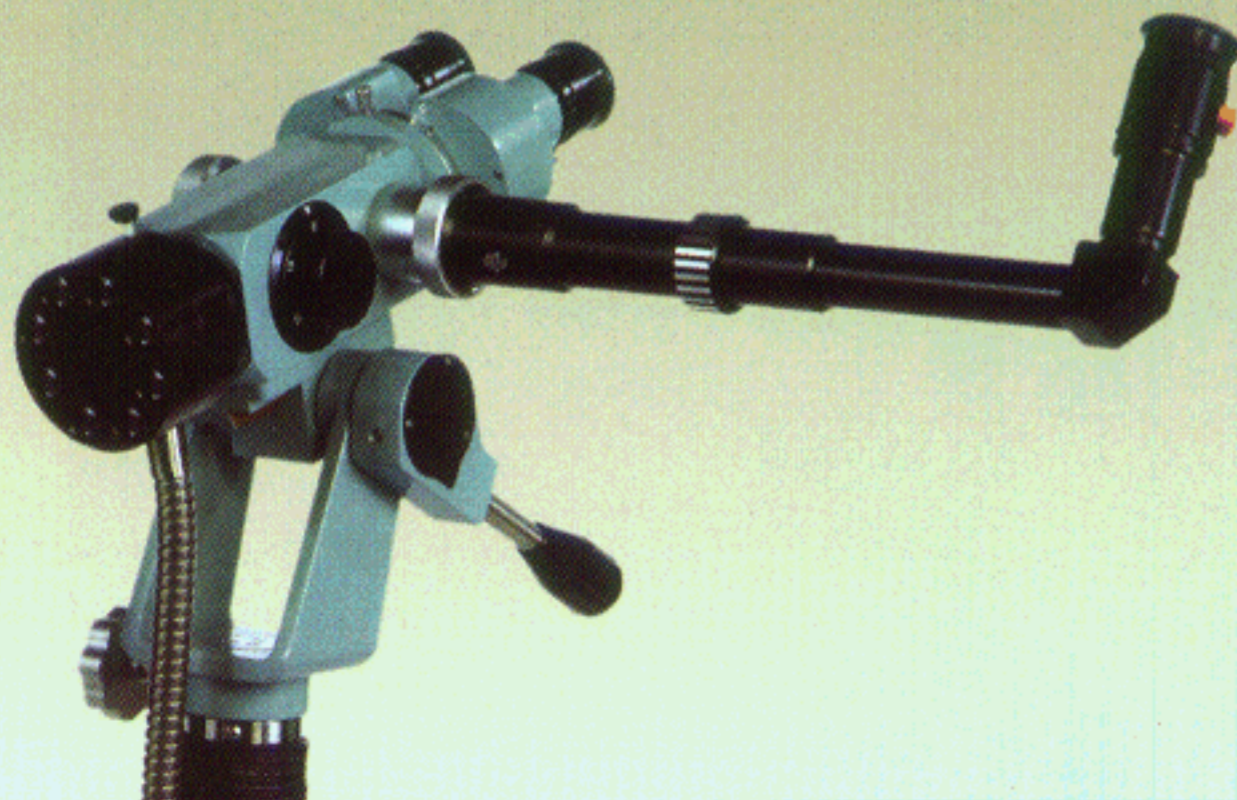
video adapter



Video documentation allows physicians to capture real-time procedures for patient education, medical records, or remote monitoring by residents or colleagues. Our video camera system delivers exceptional resolution and superior color fidelity; providing a level of accuracy and detail unprecedented in a medical camera. Complete video systems including cameras, monitors, printers, VCR's and carts are available.



video system



Monocular Co-observation Tube

The co-observation tube allows an additional observer to view the same images as the primary physician. The tube features an independent image, rotating adjustment and diopter adjustment. For teaching or consultation, the monocular viewing head can be mounted on either the right or the left accessory port.

TYPE

Variable 5-step magnification with beam splitter

WARRANTY

One year

POWER SOURCE

110/115V AC
or 180/220V AC

MOUNTING SYSTEMS

Mobile column type base (AL-104)
Overhead swing arm base (AL-104SA)

STANDARD OPTICAL CONFIGURATIONS

Objective Lens Working Distance	300mm
Total Magnification	3x, 5x, 8x, 13x, 21x
Field of View	3x = 61.4mm 5x = 39.4mm 8x = 24.6mm 13x = 15.3mm 21x = 9.9mm
Depth of Field	3x = 10.7mm 5x = 4.7mm 8x = 2.9mm 13x = 1.3mm 21x = 0.95mm
Standard Ocular (Eyepiece)	16x high point with locking diopters
Diopter Adjustment	Independent adjustment with position locking -6/+4
Interpupillary Range	54mm to 80mm
Tilt of Viewing Head	30°
Binocular Tube Design	Straight / Inclined
Binocular Tube Lengths	160mm
Vessel Delineation Filter	Red-free green

TOTAL OPTICAL CAPABILITY

(utilizing interchangeable oculars and objective lens)

Total Magnification Range	2x to 53x
Total Field of View Range	100mm to 4mm

ILLUMINATION SYSTEM

Illumination	Halogen 2/v, 150 watt
Illumination Field	76 mm

PHOTOGRAPHIC CAPABILITIES

Polaroid	Yes
35mm	Yes
Video (PAL, NTSC, SECAM are available)	Yes
Video Printer (PAL, NTSC, SECAM are available)	Yes
VCR (PAL, NTSC, SECAM are available)	Yes
Laser Adaptable	Yes
Patient Identification System	Yes

OPTIONS

Monocular Co-observation Tube	Yes
Objective Lens (interchangeable)	150mm, 175mm, 200mm, 250mm, 275 mm, 300 mm, 350 mm, 400 mm
Additional Ocular Available	12.5x, 20x

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