

CXR4

Professional Research Microscopy



LABOMED

Ideas for Vision.

CXR4 - Microscopy System For Demanding Research



The new CXR4 delivers ultimate optics, performance, convenience & affordability.

CXR4 is the microscopy solution that every research professional has been waiting for. Ultra high performance levels with special features for high ease of use and comfortable viewing over prolonged periods is the hallmark of this wonder.

Advanced Ergonomics offer flexibility, durability and convenience for demanding research. A result of the perfect blend of True Color Optics, Maximum fields of view, 100% Field flatness, Enhanced Eye Relief and the unique Anti Spinal Stress 'Z' Mode of the Tilttable Head.

Equipped with infinity corrected RP series Plan Achromatic optics, the advanced optical system provides images with ultra high definition and contrast. It offers complete flexibility of adding intermediate accessories without effecting magnification, performance or User comfort. Performance is matched with the widest application potential. The Research Plan Achromats and Research Plan Phase System are corrected in relation with super wide Eyepieces and viewing bodies to provide needle-sharp images.

The precision modular design isolates vibrations making CXR4 an ideal system for advanced research applications such as Photomicrography, Phase-Contrast, Dark Field, Fluorescence observations and Digital Dissemination.

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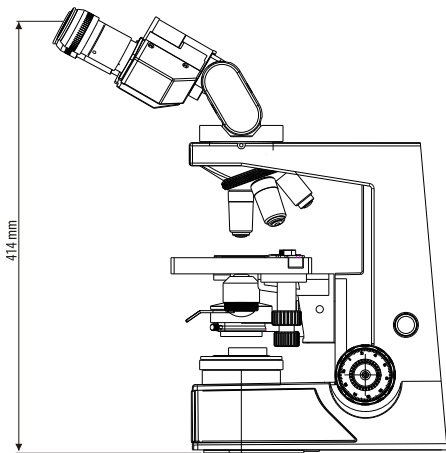
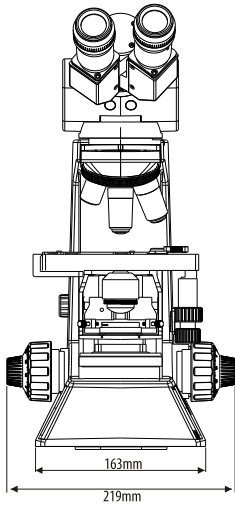


Highlights of CXR4

- ▮ Vibration free stand with plastic hand rests
- ▮ Infinity Corrected Optical System
- ▮ Tiltable Siedentopf Binocular Head 0° to 25° inclined
- ▮ Quintuple reverse angle nosepiece
- ▮ Low positioned, precision co-axial focusing mechanism with focus stops and tension adjustment
- ▮ Double plate mechanical stage with low position co-axial X-Y controls
- ▮ Koehler Illumination system with 12V-20W UL-CE approved Universal Power Supply
- ▮ Available with Plan Achromatic objectives or as a Phase Plan Achro system with optional Simple Polarizing kit and Dual View Bridge etc.



SPECIFICATIONS



STAND	Sturdy U shaped stand with plastic hand rest
NOSEPIECE	Quintuple nosepiece, reversed type
STAGE	Rectangular 150 x 135mm double plate stage. Cross travel 76x50 mm using low positioned X/Y co-axial control knob
ILLUMINATION	Koehler type, 12V - 20W Halogen Lamp. Optional 12V-30W Halogen Lamp (110V-240V AC, UL, CE approved)
FOCUSING SYSTEM	Co-axial coarse and fine focusing system with auto focus stop
VIEWING BODIES	Ergonomic Binocular viewing body, 0° - 25°tiltable, 360° rotatable
CONDENSER	ABBE Condenser N.A. 1.25 having Aspheric lens, centrable
EYEPIECE	Wide field 10x/22mm
OBJECTIVES	Infinity corrected Plan Achromats, Plan Phase Achromats
RP Plan Achro	4x/NA 0.10, 10x/NA 0.25, 40x/NA 0.65 SL, 100x/NA 1.25 SL, Oil Optional : 2.5x/NA 0.08 with Fliptop condenser, 20x/NA 0.40, 50x/NA 0.70 SL, Oil
RP Plan Phase Achro	10x/NA 0.25, 20x/NA 0.40, 40x/NA 0.65 SL, 100x/NA 1.25 SL, Oil
ACCESSORIES	Dual Viewing attachment, Dark Field condenser, Flip top condenser, Phase telescope Fluorescence attachment, Phase kit, Polarizing kit

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