

CXR3

Research Microscopy Solution



LABOMED

Ideas for Vision.

CXR3 - Complete Microscopy system for highest demands



The new CXR3 series offers performance, modularity and quality at an unbelievable price

CXR3 gives you everything that you need for highest performance level. With flexibility, durability and comfort packed into its design, CXR3 makes an excellent choice for labs, clinics and research facilities.

CXR3 is equipped with Infinity corrected RP series optical system. The system provides images with very high definition and contrast and offers complete flexibility of adding intermediate accessories without effecting magnification and performance. The resulting performance has been matched with a wider application potential. All classes of objectives (Achromats, Plan Achromats and Plan Phase System) are corrected in relation with Eyepieces and viewing bodies to provide needle-sharp images

The precision modular design isolates vibrations making CXR3 an ideal system for advanced applications such as Photomicrography, Phase-Contrast and Dark Field observations.

1



2



3



Highlights of CXR3

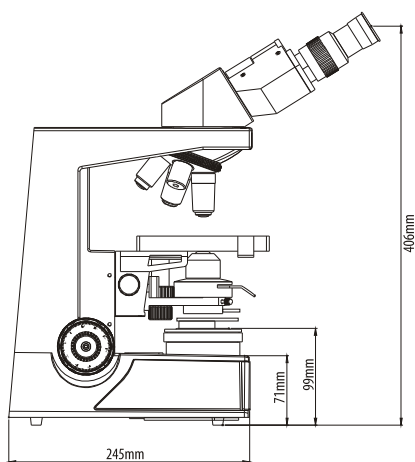
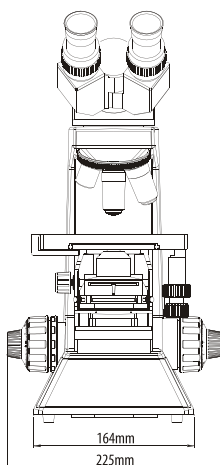
- Vibration free stand with plastic hand rests
- Infinity Corrected Optical system
- Siedentopf Binocular and Trinocular viewing bodies, 30° inclined
- Quintuple reverse angle nosepiece
- Low positioned, precision co-axial focusing mechanism with focus stop and tension adjustment
- Double plate mechanical stage with low position co-axial X-Y controls
- Koehler Illumination system with 12V-20W UL-CE approved Universal Power Supply
- Optional: Plan Achromatic objectives, Phase Plan Achromatic system, Video Adapter, Digital Camera adapter, Simple Polarizing kit



1 Digital Camera 2 Phase Contrast Kit 3 Dual View Bridge

FUNGUS PREVENTATIVE - H E A COATINGS

SPECIFICATIONS



STAND	U shaped stand with plastic hand rest
NOSEPIECE	Quintuple nosepiece, reversed type
MECHANICAL STAGE	Rectangular 150 x 135mm double plate stage. Cross travel 76 x 50 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	Siedentopf Binocular or Trinocular, 30° inclined, 360° rotatable. IPD range 52-75mm
CONDENSER	Abbe Condenser N.A. 1.25 having Aspheric lens, centerable
EYEPIECE	WF 10x / 18mm, Optional WF 10x / 23mm, WF 15x / 16mm
OBJECTIVES	Infinity Corrected Achromats, Plan Achromats, Plan Phase Achromats
RP Achro	4x/NA 0.10, 10x/NA 0.25, 40x/NA 0.65 SL, 100x/NA 1.25 SL, Oil
RP Plan Achro	2.5x/NA 0.08, 4x/NA 0.10, 10x/NA 0.25, 20x/NA 0.40, 40x/NA 0.65 SL, 50x/NA 0.70 SL, Oil, 100x/NA 1.25 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, Green Filter, Polarizing kit, Video adapter, 10x Photo eyepiece, Adapters for 35mm SLR Camera and Digital Still camera

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