

CKX31/41 – Cost effective cell observation



CKX31 and CKX41

- Bright, sharp UIS optics
- Pre-centred phase contrast slider
- Relief contrast slider
- Fluorescence with 50W mercury burner
- Frontal focus controls
- Low stage controls
- Tilting tube for standing observation
- Small footprint
- Choice of stage plates for roller bottles, microwell plates and Petri dishes

IX51 – High performance cell studies



IX51

- Pre-centred phase contrast for 10x to 40x
- 30W halogen illumination
- Wide open space at front and sides
- Rigid compact frame
- 35° – 85° tilting tube
- Side port for CCD camera
- Long working distance objectives for glass and plastic coverslips
- Optional: 100W halogen and relief contrast condenser

IX71 – The ultimate flexibility for life science applications



IX71

- Multi-port optical bench for flexible system development
- Fluorescence, DIC and Relief Contrast
- Straight illuminator for maximum fluorescence brightness
- L-shape illuminator gives extra space at rear
- Easy adaptation of secondary light sources and motorised components
- Extensive objective range for long working distance, dry, water and oil immersion

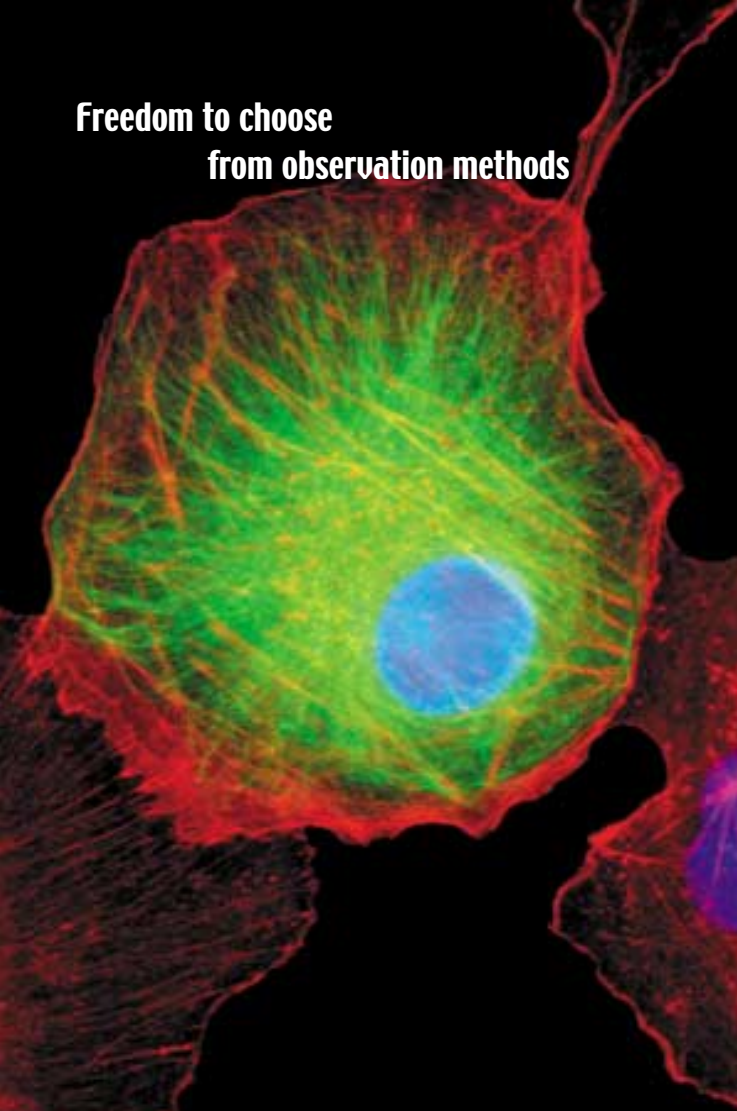
IX81 – Advanced motorised applications



IX81

- One touch set up for all motorised functions:
 - Fine and coarse Z-focusing
 - Light path switch from eyepiece to cameras
 - Six position turrets for Fluorescence
 - Long working distance condenser
 - Filter wheels and shutters
 - Six position nosepiece
- All motorised functions can be controlled via software
- Confocal back-port concept

**Freedom to choose
from observation methods**



- Multi-fluorescence capability with six cube turret and filter wheels
- Patented Relief Contrast aids micro-injection and transgenics
- Optimised DIC prisms for high resolution and high contrast
- Confocal system can be attached at side or rear
- High NA objectives and reflected illuminator for TIRF microscopy



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OLYMPUS
THE VISIBLE DIFFERENCE

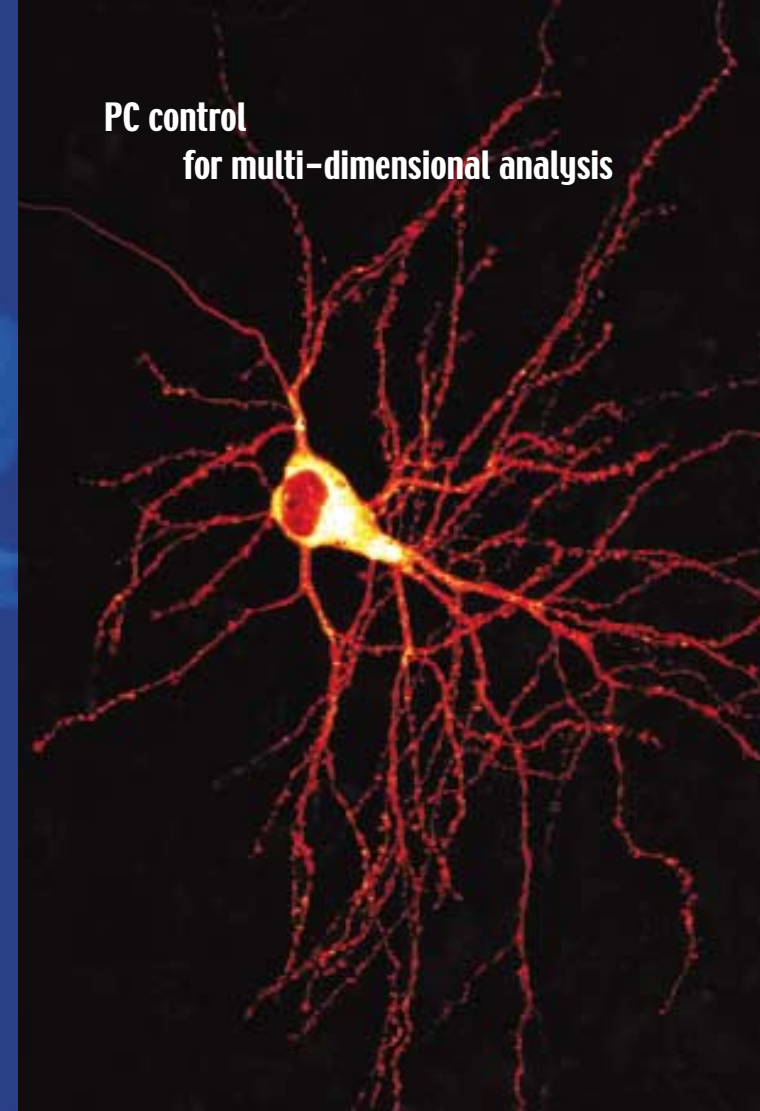


CRX31/41 IX51 IX71 IX81



OLYMPUS
THE VISIBLE DIFFERENCE

**PC control
for multi-dimensional analysis**



- Complex routines implemented with a single click
- Application specific software e.g. for:
 - Time lapse imaging
 - Multiple fluorescence applications
 - FRET applications with GFP mutants
 - Optical sectioning and extended focal imaging
 - Deconvolution
 - TIRF microscopy