



## SLS Lab Basics Inverso TC100 Inverted Microscopes



The Inverso TC100 is ideal for the typical working laboratory and is built to a high quality specification. It is robust enough to withstand the rigours of constant daily use and is ideal for multiple usage as there is no manual adjustment required. With a quintuple position nose-piece fitted as standard, it is ideally suited for multiple observation techniques and/or magnifications.

- Trinocular head inclined at 45°
- Eyepiece: 10/20mm wide field
- Objective: 4x, 40x plan-achromatic LWD/10x, 20x, 40x phase contrast
- Condenser: NA 0.3 (removable), working distance 72mm
- Stage: 160 x 250mm with additional mechanical stage (2 interchangeable stage plates) stage extending board
- Focusing: coaxial coarse and fine
- Illumination: 3W LED
- Epi fluorescence module adds blue excitation (460 – 490nm) and green excitation (480 – 550nm)

Code	Description	Price
<b>MIC0116</b>	Inverso TC100 with mechanical stage LED	<b>£3635.00</b>
<b>MIC0110</b>	Inverso TC100 with Epi-fluorescence	<b>£11655.00</b>

## Olympus CKX Series Microscopes



The CKX53 series microscopes make cell checking quicker and easier than ever because they are simple to operate, require minimal optical adjustments and capture the best possible observation images with outstanding efficiency.

- With LED transmitted light the integrated phase contrast (iPC) system allows for fast and efficient cell observation
- Phase contrast system facilitates simple and efficient cell observation for a faster, more comfortable workflow
- 10x objectives (PLCN10X, CACHN10XIPC) enable use of Olympus' IVC technique to render clear three dimensional images for objects of any shape or transparency. In addition, IVC observation provides clear views without halos or directional shadows, preserving the integrity of object details during observation
- Can be equipped with fluorescence optics to allow even weak fluorescence signals to be viewed clearly
- "Umbra Shield" can be used for fluorescence observation: the shield efficiently blocks out room light, enhances the contrast of fluorescence, and enables clear fluorescence observation even under bright lab conditions
- UV resistant coating allows the microscope to be left on the bench during UV light sterilisation
- Universal holder accommodates a variety of containers including dishes, microplates, and flasks
- Excellent depth of focus of the PLCN4X objective enables quick and easy cell observation of the two bottom layers within a multi layer tissue flask
- Olympus microscopes supplied with 12 month on site Ultimate Service Care Plan – see start of microscope listing for details



### CKX53 Trinocular with Integrated Phase Contrast 4x, 10x, 20x and 40x

- CKX53 LED microscope frame
- Pre-centred phase contrast slider for quick, adjustment free observation
- 4x, 10x, 20x and 40x iPC objectives
- Plain stage (160 x 250mm) and stage extension plate
- Dust cover
- Power cord

Code	Alt Ref	Description	Price
<b>MIC1992</b>	K23009072	CKX53 trinocular with integrated phase contrast 4x, 10x, 20x and 40x and UK power cord	<b>£5831.00</b>