

Versus from CETI

Inverted biological microscope

Cells, microbes, bacteria, tissue cultures, viruses.
We don't need to tell you that it's the small things that matter.

In designing our Versus inverted biological microscope, we have concentrated on getting things right. Right down to the finest detail. After all, to produce a microscope that is able to address the diverse practical tasks of laboratory life, at a single price, it must be able to stand up to the rigours of scientific scrutiny.

On initial observation, the Versus microscope has all the design features the working scientist needs. Modern ergonomic design for maximum manoeuvrability. Robust construction to cope with heavy use. Angled and adjustable eyepieces for optimal physical comfort. A sturdy base and stage for rock-solid stability...

But appearances can be deceptive. It's time to move closer.

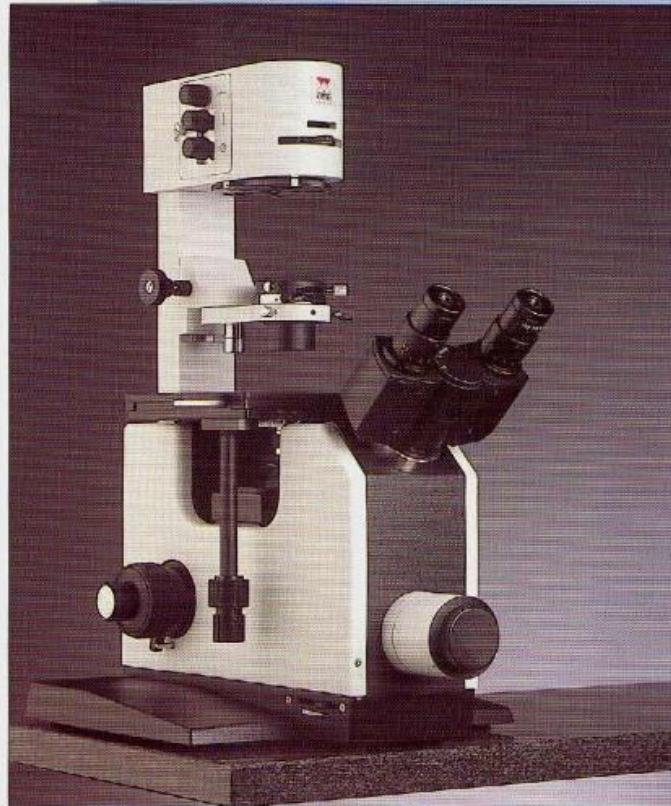
Zooming in on Versus reveals a wealth of precision specifications. The mechanical stage offers wide scope for longitudinal and transversal adjustments. The firm grip of the stage clamps keeps your specimen precisely where you want it. Planachromatic objectives for brightfield and phase contrast viewing come as standard, together with a phase plate and centring telescope. An aplanatic long working distance condenser guarantees the good light dispersion necessary for crystal clear imaging. The condenser flips out to accommodate large flasks. A sliding potentiometer provides fingertip control over light intensity - the antidote to bleached or cavern-black images. What's more, the Versus microscope has all the optional features to address more specific research needs.

One last thing. Check out the price of Versus. We think you'll agree that, with CETI, optical quality doesn't cost the earth.

Accessories

- Eyepieces: 8x/18mm Huygens; 10x/18mm WF photomask; 10x/18mm high-eyepoint (exit pupil of 25mm)
- Object micrometer for calibration of micrometer eyepieces
- Phase contrast: planachromatic Ph+10x and Ph+40x objectives with phase plates
- Planachromatic 4x/0.10/160- objective
- Auxiliary stages for petri dishes
- Adaptor for 1/3" and 1/2" CCD-camera, including c-mount
- Halogen 12V/50W bulb for high density specimens

Cover: Epithelial cell culture
 Lymphocytotoxicity test
 Fibroblast culture



Specifications

- Optical Head: binocular, Siedentopf type, inclined at 45°
- Interpupillary distance adjustment: 55 to 75mm
- Dioptric correction on both eyepiece tubes
- Eyepieces: 10x/20mm WF; 16x/14mm WF; 10x/18mm cross micrometer
- Brightfield objectives: planachromatic LWD 10x/0.25/160/-; LWD 25x/0.40/160/1.5; LWD 40x/0.60/160/1.5
- Phase contrast objective: Ph+ 25x/0.40/160/1.5 with phase plate and centring telescope
- Condenser: aplanatic LWD centrable flip-out condenser with phase plate centring device, all mounted on a rack and pinion height regulation system
- Filter disk: fixed on lamp housing with green, yellow, blue, ground and neutral positions
- Mechanical stage: size 180mm x155mm; transversal movement: 77mm; longitudinal movement: 54 mm; with 4 interchangeable stage plates (maximum diameter: 100mm) and 2 stage clamps
- Frontal photo port with adaptor for SLR camera (including a 5x projection lens)
- Sliding mount for beam-splitting prism (0%-100%)
- Lamphouse: Lampholder adjustable to three positions; field diaphragm and slit to accept extra light concentrating lens
- Power supply: mains power 220/240V - 50/60 Hz
- Electronic converter: low voltage 12V
- Lamp: halogen 12V/35W/G4 with light intensity regulation
- Weight: 12 kg
- Supplied with dust cover and instruction manual



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