

# WOLF LABORATORIES

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## INVERSO

### Trinocular inverted biological microscope

#### Optical head:

- Trinocular, inclined at 30°
- interpupillary distance adjustment (Siedentopf-type): 55 to 75mm
- dioptic correction on one eyepiece tubes
- Nosepiece: quadruple revolving with click stop

#### Eyepieces:

- 10x / 18mm wide-field

Vertical photo/video port with beam-splitting prism on sliding mount 0-100%

#### Brightfield objectives: planachromatic

- PL 10x / 0.25 / 160 / 1.2 LWD
- PL 25x / 0.40 / 160 / 1.2 LWD
- PL 40x / 0.60 / 160 / 1.2 LWD

#### Phase contrast:

- Planachromatic objective PH+ 10x/0.25/160/1.2 LWD
- 10x annular phase plate
- centering telescope

#### Condenser-swings across to accommodate Tissue culture flasks

- slide annual diaphragm for brightfield - LWD - N.A. 0.40 and objective PH+ 10x
- iris diaphragm
- working distance: 30mm with condensor moved across
- condenser centring device
- focusable with rack and pinion height regulation system

#### Stage:

- size 220x220mm with built-in mechanical stage
- transversal movement: 110mm
- longitudinal movement: 75 mm
- 2 interchangeable stage plates (maximum diameter 100mm)
- Includes stage for 96 well plates

#### Focusing knobs:

- coaxial fine and coarse:
- pre-focusing mechanism (on left knob)
- tension adjustment ring (on right knob)

#### Lamphouse:

- lampholder adjustable
- field diaphragm

Filter holder: green, yellow, blue filters

Mains power: 220/240V - 50/60 Hz (euro connector)

Converter: built-in low voltage (6V-electronic) with light intensity control

Bulb: halogen 6V/20W/G4

Supplied with : 1 spare bulb, 2 spare fuses, 2 stage clamps, dust cover and instruc

Packing: two styrofoam shelves and cardboard box

Packing dimensions: 42x31x52cm (WXDXH). Gross Weight: 12 kg