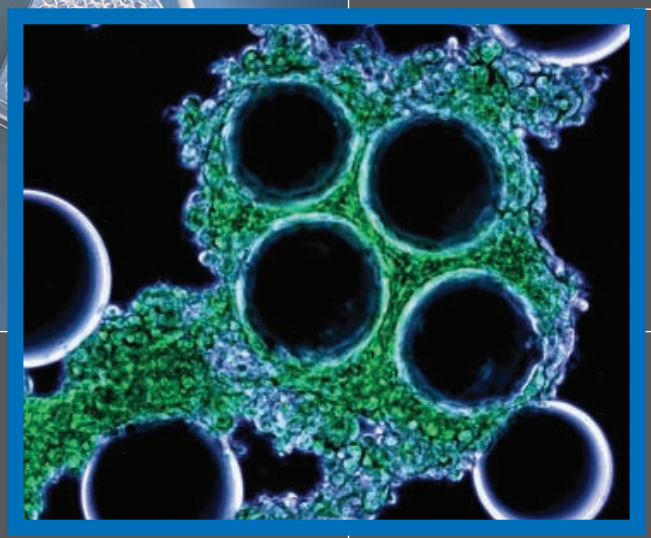
TCM 400

Inverted Microscopy





LABOMED

ideas for vision

Inverted Microscopy for Cell Culture & Biosciences

LABOMED®

1

Infinity-corrected optics provide images with needle-sharp contrast and definition. Extra-long-working-distance objectives and super-wide-field eyepieces make operation easy.

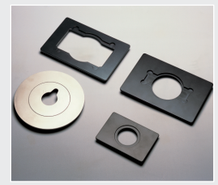


TCM 400

The TCM 400 is a compact inverted research microscope with advanced performance features: an infinity-corrected, true-color, long-working-distance optical system and a low-positioned precision coaxial focusing mechanism with focus stop and tension adjustment.

Teamed with accessories such as phase contrast, a fluorescence system and a wide variety of viewing bodies, the TCM 400 delivers high-end performance.







3

High-precision, sophisticated micromanipulators and accessories provide the greatest convenience during intracytoplasmic sperm injection (ICSI) in the IVF process.

2

With a broad choice of accessories, the microscope serves a wide range of research and bioscience applications and makes the observation and analysis of cell cultures and in vitro fertilization (IVF) studies easy.



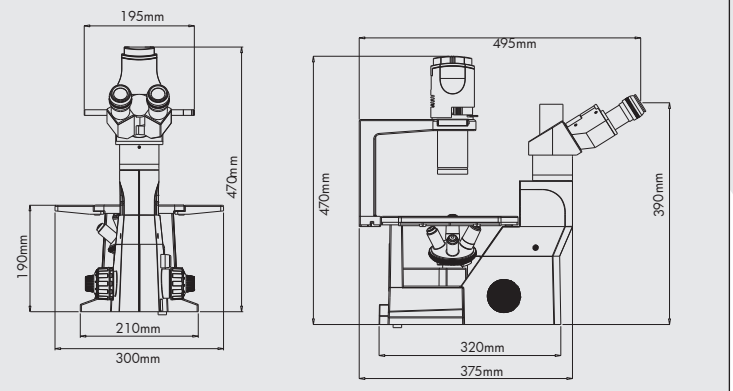
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TCM 400 Inverted Microscope

Specifications

Item	Specifications
Stand	Ergonomic, sturdy stand of rust-resistant material
Viewing head	Siedentopf binocular or trinocular head, 30° inclined; ergonomic tilting 0–25°; 360° rotatable; interpupillary distance 52–75 mm
Eyepieces	Focusable wide-field 10x/22 mm eyepieces* with foldable eyecups, anti-fungal
Nosepiece	Reverse-angle quadruple nosepiece (ball-bearing type) with click stops and rubber grip
Objectives	LW series infinity-corrected, true-color, long-working-distance DIN phase plan achromatic objectives* 4x, 10x and 20x; anti-fungal; optional 40x objective
Condenser	Long working distance, NA 0.30, for phase contrast and brightfield with phase contrast slider; detachable condenser lens for tall flasks
Focusing	Coaxial coarse and fine focusing with automatic focus stop and tension adjustment
Illumination	Transmitted illumination, 6 V 30 W halogen with intensity control; 110–240 V universal power supply (UL/CE approved)
Optional accessories	Mechanical stage, micromanipulators, fluorescence attachment, adapters for video and digital still camera

Dimensions (Units: mm)



CE

Configurations

Description	Configuration	Cat. No.
Standard	Binocular	7125000
Standard	Trinocular	7125500
Standard	Ergonomic 0–25°	7126000
Fluorescence		
Standard	Binocular	7127000
Standard	Trinocular	7128000

* All optical components are made of environmentally friendly lead-free optical glass.

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Distributor

With a policy of continuous development, Labo America, Inc. reserves the right to change design and specifications without prior notice.