

TCM 400

Inverted Microscopy Solution



LABOMED

Ideas for Vision

TCM400 - Inverted Microscopy System for Cell Culture and Bio-Sciences



TCM400 is a compact inverted research microscope with advanced performance features.

TCM400 is designed for a wide range of routine/research and bio-sciences applications . The observation and analysis of cell cultures and IVF studies is made easy through a wide range of accessories.

TCM400 is equipped with LW series Infinity Corrected Optics providing images with needle sharp contrast and definition. Extra Long Working Distance Objectives and Super Wide Field Eyepieces offer ease of operation. Teamed with accessories such as Phase Contrast, Fluorescence Technique system, Heated Stage and a wide variety of viewing bodies, TCM 400 delivers performance at unbelievable prices.

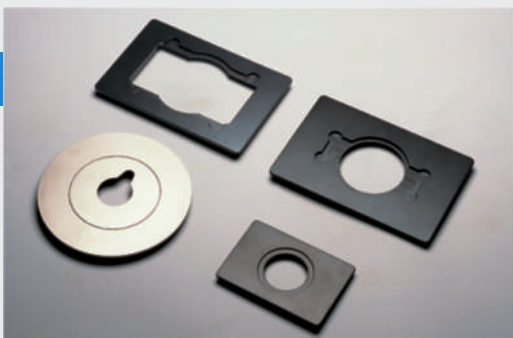
High precision and sophisticated micro manipulators and accessories provide utmost convenience during Intracytoplasmic Sperm Injection (ICSI) for IVF

With its Ergonomics, Modularity and unmatched optical performance, TCM400 is an inverted microscope in a class of its own.

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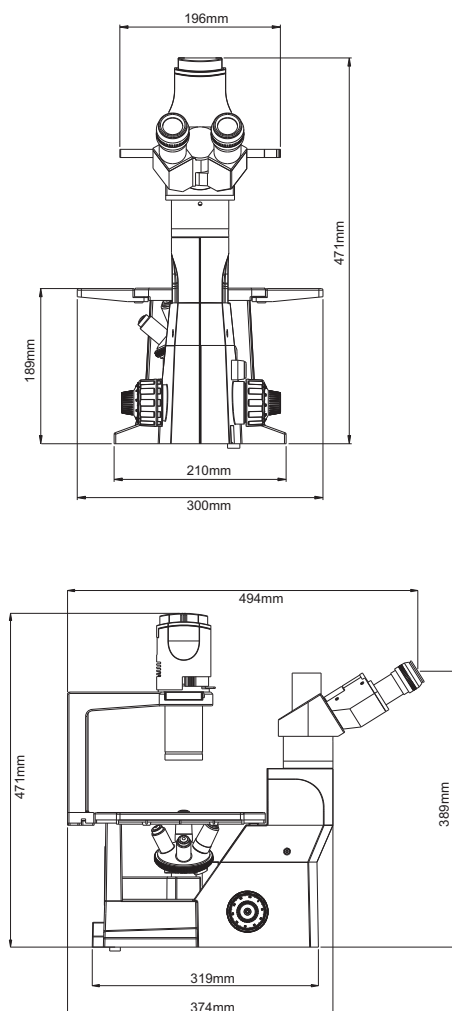


Highlights of TCM 400

- Vibration free stand, anti rust materials
- Infinity corrected true color long working distance Optical system
- Siedentopf Binocular and trinocular, 30° inclined and Ergonomic tiltable 0-25° viewing bodies
- Quadruple soft-touch nose piece
- Low positioned, precision coaxial focusing mechanism with focus stop and tension adjustment
- Fixed plain stage 160 x 240mm, optional mechanical stage and stage plate extender
- Transmitted illuminated system with 6V-30W halogen lamp. 110V-240V Universal Power Supply (UL-CE approved)
- Optional - Heated Stage, Micro Manipulators, Fluorescence attachment, adapters for video and digital still camera and 35mm SLR cameras



SPECIFICATIONS



File No. E226671



STAND	Ergonomically designed sturdy stand of anti rust material
NOSEPIECE	Quadruple, reversed type
STAGE	Rectangular 160 x 240mm with 35mm petri dish holder and three dish/sample holder
ILLUMINATION	Transmitted illumination system 6V-30W Halogen with intensity control. 110V-240V Universal Power Supply (UL-CE approved)
FOCUSING SYSTEM	Co-axial coarse and fine focusing system with auto focus stop and tension adjustment
VIEWING BODIES	Sidentopf Binocular, Trinocular 30° inclined, IPD 52-75mm. Ergonomic tiltable 0-25 viewing body 360° rotatable, IPD 53-75mm
CONDENSER	Long working distance, NA 0.30, suitable for Phase contrast/BF with phase contrast slider
EYEPIECE	Wide field 10x/22mm paired with eyeguards, Optional WF 15x/16mm with eyeguards
OBJECTIVES	LW series infinity corrected, True colour, Long working distance DIN Phase plan achromats 4x/NA 0.10, 10x/NA 0.25, 20x/NA0.45; Optional 40x/0.65 Spring Loaded
ACCESSORIES	Mechanical Stage, Heated Stage RT- 50° C, Micromanipulators, Fluorescence attachment, Trinocular pod for Ergonomic tiltable head, Adaptors for Video, Digital still camera, 35mm SLR camera

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ISO 9001 : 2000
File No. A9020

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