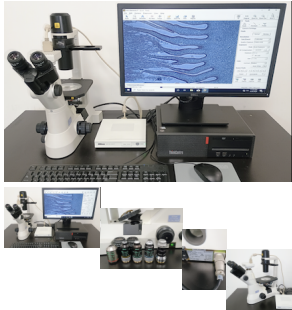


Nikon Eclipse TS100 Inverted Phase Contrast Microscope - Trino w/ Nikon DS-Fi1 Camera



Featuring Nikon CFI60 optical system.

Rating: Not Rated Yet

Price

Sales price \$6,500.00

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Manufacturer [Nikon](#)

Description

The Nikon TS100-F Inverted Phase Contrast Microscope is a high-quality live cell imaging and tissue culture microscope designed for biological research, clinical laboratories, and routine cell culture applications. Utilizing Nikon's renowned CFI60 optical system, the TS100-F provides bright, high-contrast imaging with excellent flatness and resolution for observation of cultured cells, microorganisms, and biological samples. Configured for both brightfield and phase contrast microscopy, this system is ideal for imaging live, unstained cells in flasks, dishes, and multiwell plates. The inverted microscope design allows convenient observation of adherent cell cultures while minimizing sample disturbance during routine laboratory workflows.

This configuration includes Nikon Plan Fluor and long working distance phase contrast objectives, trinocular viewing head, Nikon Digital Sight DS-Fi1 5.0MP color camera system, and Nikon NIS-Elements imaging software for digital image acquisition and analysis. The included Digital Sight camera setup enables high-resolution image capture and documentation for research, teaching, and publication applications.

Features:

- Nikon TS100-F inverted tissue culture microscope
- Nikon CFI60 optical system
- Brightfield and phase contrast observation capability
- Long working distance objectives optimized for live cell imaging
- Trinocular head for simultaneous viewing and digital imaging
- Nikon Digital Sight DS-Fi1 5.0MP color camera system
- Nikon NIS-Elements imaging and acquisition software
- Compatible with culture flasks, petri dishes, and multiwell plates
- Ideal for mammalian cell culture, stem cell research, microbiology, and routine laboratory imaging applications
- 120V, 50/60Hz, 0.8A

Included:

- Nikon Eclipse TS100-F Inverted Phase Contrast Microscope
- Nikon Plan Fluor 4x/0.13 PHL DL
- Nikon 10x/0.25 Ph1 ADL
- Nikon LWD 20x/0.40 Ph1 ADL
- Nikon LWD 40x/0.55 Ph1 ADL
- Nikon Object Marker

Nikon C-W10xB/22 eyepieces
ELWD 0.3/OD75 condenser
T1-SNCP phase slider with PhL and Ph1 apertures
Trinocular headpiece with Diagnostic Instruments D10NLC 1.0x C-mount camera coupling
Nikon Digital Sight DS-U2 Camera Controller with 12VDC adapter and communication cable
Nikon Digital Sight DS-Fi1 High-Res 5.0MP Color Camera
6V 30W Halogen light source
Windows 10 PC workstation with Nikon NIS-Elements F v.3.0 control software
Monitor, keyboard, and mouse

Comes with our 90-day warranty.

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