

Resource Summary Report

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Nikon: TMS Inverted Phase Contrast Microscope

RRID:SCR_020332

Type: Tool

Proper Citation

Nikon: TMS Inverted Phase Contrast Microscope (RRID:SCR_020332)

Resource Information

URL: <https://www.marshallscientific.com/Nikon-TMS-Inverted-Phase-Contrast-Microscope-p/ni-tms.htm>

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Description: Nikon TMS Inverted Phase Contrast Microscope produces high quality images for tissue culture labs, readily meeting biological and metallurgical research needs. This Nikon microscope offers operation with an easy-to-maintain inverted microscope frame. This inverted phase microscope is configured with 4x achromat, 10x Ph1, and 20x Ph2 objectives with critical halogen illumination. The TMS can accommodate a variety of Nikon CF objectives on its revolving triple nosepiece, along with multiple other accessories, such as stage adapters and extenders, sliders and rings, and extra long working condensers. The 4x achromat objective provides a lower magnification for a wider field of view, primarily best for when needing to view a large portion of a slide for study. The 10x Ph1 provides phase contrast low-power magnification, while the 20x Ph2 provides medium-power magnification with a larger aperture.

Resource Type: instrument resource

Keywords: Nikon, Inverted Phase Contrast Microscope, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Nikon: TMS Inverted Phase Contrast Microscope

Resource ID: SCR_020332

Alternate IDs: Model_Number_TMS

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260808T190151+0000

Ratings and Alerts

No rating or validation information has been found for Nikon: TMS Inverted Phase Contrast Microscope.

No alerts have been found for Nikon: TMS Inverted Phase Contrast Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Navarro-Serer B, et al. (2025) P4HA1 Mediates Hypoxia-Induced Invasion in Human Pancreatic Cancer Organoids. Cancer research communications, 5(5), 881.