# Resource Summary Report

Generated by Kravitz on Sep 10, 2026

## Nikon: AZ100 Confocal Microscope

RRID:SCR_018603
Type: Tool

### Proper Citation

Nikon: AZ100 Confocal Microscope (RRID:SCR_018603)

### Resource Information

**URL:** https://www.nikonmetrology.com/en-us/product/az100-multizoom

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**Description:** Nikon Instruments AZ100 C1si is macro confocal microscope system combining stereo and compound microscopes into single hybrid imaging system for dynamic imaging of single cells or whole specimens.System covers range of magnifications from 5x to 400x. Has triple nosepiece that can switch magnifications. AZ100 C1si boasts simultaneous 32 channel spectral image acquisition over spectral range of 320 nm in single scan. Simultaneous 32 channel acquisition at 10 nm, 5 nm or 2.5 nm bandwidths, all software controlled, is possible.

**Resource Type:** instrument resource

**Keywords:** Confocal Microscope, Instrument, Equipment, Nikon, USEDit, ABRF

**Availability:** Commercially available

**Specification URL:** https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018603.pdf

**Resource Name:** Nikon: AZ100 Confocal Microscope

**Resource ID:** SCR_018603

**Alternate IDs:** Model_Number_AZ100, SCR_020325

**Alternate URLs:** https://www.mvi-inc.com/wp-content/uploads/AZ100-Manual.pdf

**Record Creation Time:** 20220129T080341+0000

**Record Last Update:** 20260905T132839+0000

### Ratings and Alerts

No rating or validation information has been found for Nikon: AZ100 Confocal Microscope.

No alerts have been found for Nikon: AZ100 Confocal Microscope.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at Kravitz .

Fushiki A, et al. (2024) A Vulnerable Subtype of Dopaminergic Neurons Drives Early Motor Deficits in Parkinson's Disease. bioRxiv : the preprint server for biology.

Aguirrebengoa M, et al. (2021) Purification of astrocyte subtype based on a double reporter mice approach for downstream transcription profiling. STAR protocols, 2(4), 101009.