

5-Slot Lens Changer w/ Integrated Controller, Nikon



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Stock #89-497 **NEW** 1 In Stock

⊖ 1 ⊕ €9.975⁰⁰

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Product Downloads

General

Compatible Objectives:
Nikon Maximum of 5 Objectives

Note:
Length of included USB Cable: 1.8m

Physical & Mechanical Properties

Length (mm):

554.00

Width (mm):

114.50

Weight (kg):

2.75

Load Capacity (kg):

2.0

Hardware & Interface Connectivity

Power Supply:

Lens Changer power cable has bare leads and requires 24-48V, 5ADC power for operation
Power Supply Required and Sold Separately.

USA: [#90-717](#) + [#90-728](#)

Europe: N/A

Japan: N/A

Korea: N/A

China: N/A

Regulatory Compliance

Certificate of Conformance:

[View](#)

Product Details

- Enables Rapid Switching between Objectives
- Integrated Controller for Excellent Accuracy, Precision, and Repeatability
- 4, 5, or 6 Slot Capacity Options Available
- Compatible with [Olympus](#), [Mitutoyo](#), or [Nikon](#) Objectives

WDI Linear Lens Changers offer an ideal solution for applications where fast and highly accurate switching between multiple objectives is required, such as optical inspection and semiconductor fabrication. These lens changers feature an integrated controller and high-resolution optical encoder to guarantee precision and repeatability while maintaining a low profile and high performance. With a direct drive linear motor that allows changes in as fast as 0.3 seconds with $\pm 0.16\mu\text{m}$ repeatability, these lens changers enable rapid switching between objectives without sacrificing accuracy. WDI Linear Lens Changers are available to support 4, 5, or 6 objectives from leading microscopy brands, including [Olympus](#), [Mitutoyo](#), and [Nikon](#). Downloadable software and SDK allow for easy programming and monitoring.

Note: A 24-48V, 5ADC power supply is required and sold separately. See each product's individual power supply specification for the recommended power supply.

WARNING: The LLC unit contains a strong magnet that can affect pacemakers and other electromagnetic equipment. People with pacemakers should stay a safe distance away from the unit at all times.