

A new lineup of Laser Optical tweezers - Mini type is now available.

- 1064nm near-infrared laser trapping minimizes the damage on cells and biomolecules.
- Laser irradiation is fixed to center of field of view in microscope.
- Downsized optical unit is directly connectable to the microscope port.
- Optional microscope motorized stage system broaden the variety of biological applications.



Advantages of Mini type Laser Optical tweezers

- ◎ Entry model with competitive prices.
- ◎ Directly connected to the existing microscope port, which offers great extensibility.
(Please inform us of the manufacturer and model number of your existing microscope when inquiring.)
- ◎ Upgrading to the full-featured Micro Manipulation System is available.
(Reutilizing the 2W trapping laser and the internal optical elements are possible. Please contact to the sales for details.)
- ◎ Laser optical tweezers are useful tool for various types of feasibility test and applications of near-infrared irradiation.

Mini Optical tweezers / Trapping Laser 2W

Part Number	Equipment Configuration
LMS-M1064-2000	Basic model / without shutter
LMS-M1064-2000/1S	Basic model / with shutter
LMS-M1064-2000/E	Electric focus model / without shutter
LMS-M1064-2000/E/1S	Electric focus model / with shutter
LMS-AD-NI-BP *1	Adapter for Nikon (Ti, TE2000 supported)
LMS-AD-OL-BP *1 *2	Adapter for Olympus microscopes (IX73, 83 supported)
LMS-AD-OL-RP *1	Adapter for Olympus microscopes right side port (IX71, 81 supported)

*1 Please select an adapter that fits your microscope.

*2 Some models of microscopes may not be supported. Please contact the sales department.

Application Systems

Optics & Optical Coatings

Holders

Bases

Manual Stages

Actuators

Motorized Stages

Light Sources

Index

Microscope Unit

Alignment

Interferometers

Inspection/Observation

Bio-photonics

Laser Processing