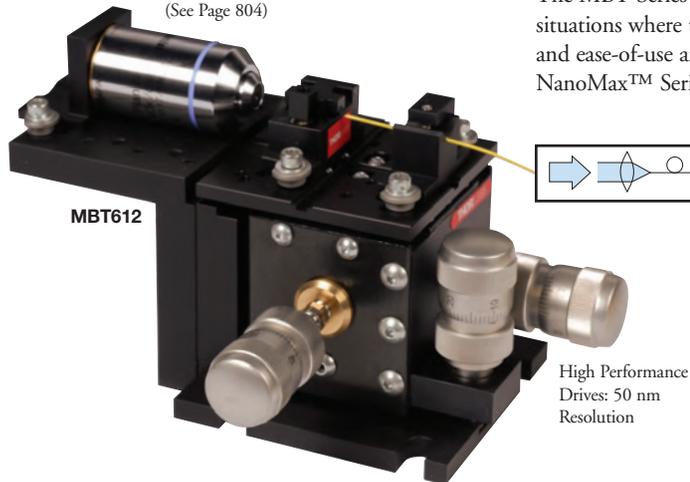


MicroBlock™ SM Fiber Launch with Quick-Release Clamp

Microscope Objective Sold Separately
(See Page 804)



The MBT Series Fiber Launches are recommended for less-demanding situations where the cost of the system is a concern. When long-term stability and ease-of-use are of paramount importance, we recommend the NanoMax™ Series shown on page 477.

System Includes

- MBT616 High-Resolution Flexure Stage with 4 mm of Travel, See Page 469
- Three High Performance Adjusters Provide 300 μm of Fine Travel with 50 nm Resolution
- HFF003 Fiber Clamp, See Page 501
- AMA009 Large Fixed Platform, See Page 497
- HCS013 Microscope Objective Mount, See Page 499
- HFS001 Cable Strain Relief, See Page 501

Specifications

- **Travel:** 4 mm
- **Crosstalk:** <20 $\mu\text{m}/\text{mm}$
- **Load Capacity:** 2.2 lbs (1 kg)
- **Thermal Stability:** 1 $\mu\text{m}/^\circ\text{C}$
- **Differential Adjusters**
 - Coarse Adjustment: 0.5 mm/rev
 - Fine Adjustment: 50 $\mu\text{m}/\text{rev}$

This MicroBlock™ launch system features our high-resolution differential adjusters that are ideal for optimizing the coupling of a free-space laser into a single mode fiber, even at visible wavelengths where the mode field diameter of the fibers are as small as 3 μm . The addition of a cable strain relief helps to prevent inadvertent disruption of the system, which can be a great time saver.

This preconfigured fiber launch is an ideal starter system that can be quickly adapted to many uses. Additional accessories are available that enhance the flexibility of this platform. Please see pages 496-512 for details.

ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
MBT612	MBT612/M	\$ 1,425.00	£ 972.50	€ 1,265.00	¥ 12,033.00	MicroBlock™ Fiber Launch System w/ Quick Release Clamp

MicroBlock™ SM Fiber Launch with Variable V-Groove Clamp

The MBT610 launch system features our high resolution drives which are ideal for optimizing the coupling of a free-space laser into a single mode fiber, even the visible spectrum where the mode field diameter of the fibers are as small as 3 μm . The quick release fiber holder provides six mounting surfaces, each one designed to accept a different size fiber. The addition of a cable strain relief helps to prevent inadvertent disruption of the system, which can be a great time saver.

This preconfigured system is an ideal starter system and can be quickly adapted to other applications using our extensive line of accessories. Please see pages 496-512 for details.

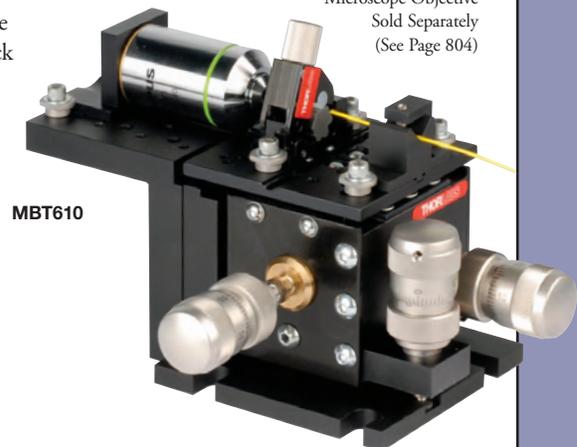
System Includes:

- MBT616 High Resolution Flexure Stage with 4 mm of Travel, See Page 469
- Three High Performance Drives Provide 300 μm of Fine Travel with 50 nm Resolution
- HFF001 V-Groove Fiber Holder with Adjustable Force (25 to 200 g), See Page 501
- AMA009 Large Fixed Platform, See Page 497
- HCS013 Microscope Objective Mount with RMS Threads, See Page 499
- HFS001 Cable Strain Relief, See Page 501

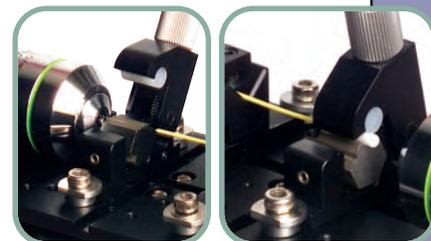
Specifications

- **Travel:** 4 mm
- **Crosstalk:** <20 $\mu\text{m}/\text{mm}$
- **Load Capacity:** 2.2 lbs (1 kg)
- **Thermal Stability:** = 1 $\mu\text{m}/^\circ\text{C}$
- **Differential Adjusters**
 - Coarse Adjustment: 0.5 mm/rev
 - Fine Adjustment: 50 $\mu\text{m}/\text{rev}$

Microscope Objective
Sold Separately
(See Page 804)



Fiber V-Groove Adapts to
Various Fiber Diameters
From 125 μm to 2 mm



ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
MBT610	MBT610/M	\$ 1,660.00	£ 1,132.90	€ 1,474.00	¥ 14,018.00	MicroBlock™ Fiber Launch System with Variable Clamp