

With its innovative optical manipulation module and unique force spectroscopy technology, the SENSOCCELL optical trapping platform is the perfect tool for researchers pushing the limits of science ...

Thorlabs" OTKB (/M) Modular Optical Tweezers provide users with a tool for trapping and manipulating microscopic-sized objects. These laser-based tweezers, or traps, have been employed in numerous ...

Compact, low-magnetic, chamber modules for ultra-cold atom research. Up to 14 horizontal and two vertical ports, with high threshold to laser damage optics.

Optical tweezers (originally called single-beam gradient force trap) are scientific instruments that use a highly focused laser beam to hold and move microscopic ...

The OTKB Optical Trapping Kit is a carefully-selected collection of components with which an optical trap can be constructed. The advantage to purchasing and assembling this kit is the flexibility it ...

Versatile and flexible optical trap manipulation designed for biological samples. We present you a compact and robust optical trap generation module conceived as a satellite instrument for Nikon ...

Learn to calibrate the 20.309 optical traps for position detection and force measurement. Use calibration information to observe the rotation of E. coli bacteria, and determine the forces required to stop this ...

Optical trap or "tweezers" is a device used to apply piconewton sized forces and make precise measurements on a scale of roughly one micron. It can be created by applying a precisely focused ...

All of the components needed to construct a fully functional optical trapping system are included in this cost effective kit (OTKB contains imperial components while OTKB/M contains their metric ...

Though the system ships as five segments, the following steps provide a detailed, step by step set of instructions on how to assemble the optical trapping kit OTKB from individual parts.

The following module combines aspects of the calibration and E li modules to make a streamlined 2 hour course for an optical trap demonstration. It includes the calculation of the coefficient of drag for ...

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