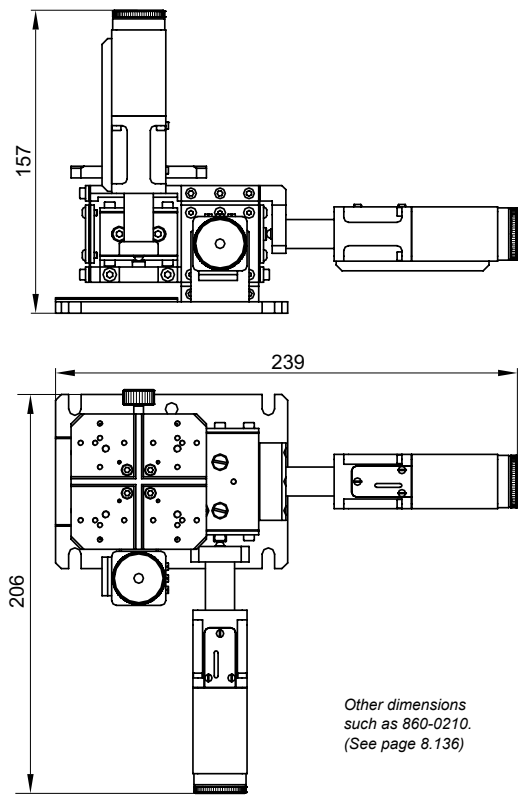


970-0070 **MOTORIZED FIBER COUPLING STAGE**



- **Fiber coupling stage of flexure design**
- **Rotating platform on the top**
- **Compact block design**
- **Motorized Actuator 970-0065**
- **Long-term stability**
- **Smooth motion**

Flexure stages 970-0070 are ideal for high precision device manipulation. This stage suits almost any micropositioning applications range, for example, from fiber launch systems for single-mode, multimode and polarization maintaining fibers as well as waveguide alignment, through to the manipulation of microstructures in bioscience. Fiber Coupling Stage of flexure compact block design with high-resolution motorized actuators ensures long-termed stability and good stiffness together with smooth motion without the severe limitations of sticking and friction. Fiber Coupling Flexure stages have a combination of overall size, travel, resolution, and low cost that makes them unique decision to meet the stringent requirements of photonics laboratory applications.

SPECIFICATIONS

Travel range in each XYZ direction	2 mm
Resolution 1/8 step	0.2 μm
Cross-Talk	20 μm/mm
Mechanical stability	flexure design with Stainless Steel Spring
Load capacity	1.5 kg
Type of actuator	970-0065
Cable	integrated, 1.2 m length
Motor connector	DB15(M)
Weight	1.6 kg

Code	Price, EUR
970-0070	1578

RECOMMENDED CONTROLLERS

980-0040-USB
see page 8.189

980-0030-RS232
see page 8.188

OPTICAL TABLES

BRACKETS & RAILS

BASE MOUNTS & ACCESSORIES

OPTICAL MOUNTS

OPTICAL POSITIONERS

BASE POSITIONERS

TRANSLATION & ROTATION STAGES

ADJUSTMENT SCREWS

MOTORIZED POSITIONERS