

960-0190 UNIVERSAL MOTORIZED ROTATION STAGE



Universal Motorized Rotation Stage 960-0190 is a simple and durable low cost solution as it can be used as an optical element rotator, filter wheel or universal rotating platform. Center opening has a threaded M27x1 aperture for mounting 1” optical elements. Retaining ring for fastening optics is included.

960-0190 with various accessories can serve as several devices in one. Custom accessories are manufactured on request.

960-0190-01



960-0190-02



960-0190-03

960-0190-01 is a basic rotation stage that can rotate 1” optical elements. Various accessories and custom parts can be mounted on provided M3x7 mounting holes. 960-0190-02 and 960-0190-03 are variations of 960-0190-01 with accessories for various applications.

SPECIFICATIONS

Rotation range	360°
Resolution in full step in 1/8 step	0.6° 4.5 arcmin
Max. rotation speed*	3÷5 rps
Wobble	2 arcmin
Reduction gear	3:1
Limit switches	mechanical
Drive mechanism	belt
Load capacity	
Horizontal	5 kg
Radial	1.5 kg
Torque	4.5x10 ⁻³ Nm

Cable	integrated, 1,6 m length
Motor connector	HDB15(M)
Stepper motor	28S
Mechanical reference switch Switch polarity	1 pushed is closed

Code	Description	Price
960-0190-01	basic rotation stage of 1' optical elements	Request
960-0190-02	filter wheel version	Request
960-0190-03	mounting platform version	Request