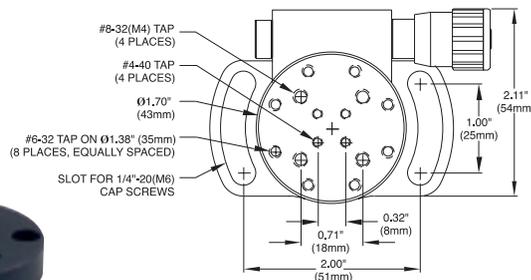




Worm Driven Continuous Rotation Stage


CR1

CR1A


The CR1 rotation stage provides high precision along with low backlash. The low backlash is achieved with an anti backlash gear in the worm gear mechanism. The added ability to stack our line of translation stages on the rotation platform makes this stage useful in any lab.

The CR1A is used to connect the following list of Thorlabs mounts to the CR1 Rotation stage.



- Driven by Fine Pitch Worm Gear Providing 360° Continuous Motion
- Graduations Marks in 2° Increments
- Vernier Scale Offers 5 arcmin. Resolution
- Resolution: 15°/Revolution of Adjuster Knob
- Application Tested to 25 lbs. Vertical Load
- Backlash Free
- Compatible for Mounting MS1, T12 & T25 Series Translation Stages (With Adapter Plate)
- Compatible with PM1/PM2 Prism Mounting Hardware

MOUNT	PAGE	DESCRIPTION	REQUIRES ADAPTER
PH Series	70	Post Holders	Yes
T12 Series	235	1/2" Mini Translators	Yes
MS Series	234	Mini 1/4" Translators	No
T25 Series	242	1" Compact Motorized Translator	Yes
GN Series	167	Goniometers	Yes

ITEM#	METRIC ITEM#	\$	£	€	¥	DESCRIPTION
CR1	CR1/M	\$ 299.00	£ 224.25	€ 313.95	¥ 50,830	Continuous Rotation Stage
CR1A	CR1A/M	\$ 18.00	£ 13.50	€ 18.90	¥ 3,060	Rotation Stage Adapter
PM1	PM1/M	\$ 9.00	£ 6.75	€ 9.45	¥ 1,530	Small Clamping Arm
PM2	PM2/M	\$ 14.00	£ 10.50	€ 14.70	¥ 2,380	Large Clamping Arm

Motorized Rotation Stage

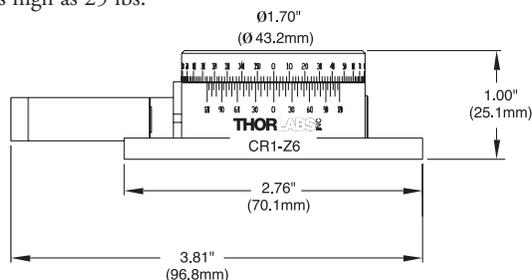

CR1-Z6

ODC001

DC Motor Controller
See Page 333

The CR1-Z6 motorized rotation stage offers high-precision continuous motion in a sturdy, compact package. The backlash-free worm gear design coupled with a high-resolution optical encoder provides the rotational precision required in optical laboratories. The high torque 12V DC Servo Motor supplies ample power for rotating vertical loads as high as 25 lbs.

Receive 10% Discount on ODC001 when Ordering Both the CR1-Z6 & ODC001 Together, CR1-Z6E



- Continuous 360° Rotation
- Low Backlash Design
- High Torque DC-Servo Motor with Gear Head & Optical Encoder
- High Count Optical Encoder (12,288 pulses/rev)
- Angle Readout of 2° Increments Plus a Vernier Scale Provides 5 arcmin Resolution
- Application Tested to 25 lbs Vertical Load

ITEM#	METRIC ITEM#	\$	£	€	¥	DESCRIPTION
CR1-Z6	CR1/M-Z6	\$ 760.00	£ 570.00	€ 798.00	¥ 129,200	Motorized Rotation Stage
CR1-Z6E	CR1/M-Z6E	\$ 1,205.00*	£ 903.75*	€ 1,265.25*	¥ 204,850*	Rotation Stage with Servo-Motor Controller
CR1A	CR1A/M	\$ 18.00	£ 13.50	€ 18.90	¥ 3,060	Rotation Stage Adapter

*Price includes 10% discount on the drive module ODC001