

Continuous Rotation Stage



CR1



CR1A

- Driven by Fine-Pitch Worm Gear Providing 360° Continuous Motion
- Graduation Marks in 2° Increments
- Vernier Scale Offers 5 arcmin Resolution
- 15° per Revolution of Adjuster Knob
- Application Tested to 25 lbs (11.3 kg) Vertical Load
- Backlash Free
- Compatible with PM3/PM4 Prism Clamps



PM3

Note that the MS Series of 1/4" Mini-Translators (see page 484) connect to the CR1 continuous rotation stage without the use of the CR1A plate.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
CR1	CR1/M	\$ 314.00	£ 226.08	€ 273,18	¥ 2,502.58	Continuous Rotation Stage
CR1A	CR1A/M	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	Rotation Stage Adapter Plate
PM3	PM3/M	\$ 18.00	£ 12.96	€ 15,66	¥ 143.46	Small Clamping Arm
PM4	PM4/M	\$ 22.00	£ 15.84	€ 19,14	¥ 175.34	Large Clamping Arm

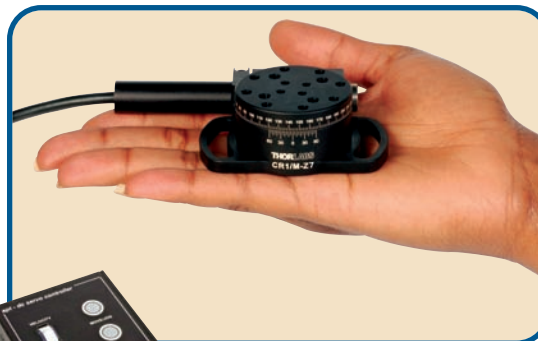
Motorized Rotation Stage

Receive a 10% Discount on the TDC001 When Ordering Both the CR1-Z7 and TDC001 Together (ITEM # CR1-Z7E)

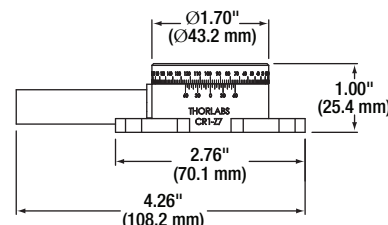
- Continuous 360° Rotation with Backlash-Free Design
- High-Torque, DC Servo Motor with Gear Head and Optical Encoder
- High-Count Optical Encoder (12,288 pulses/rev)
- Vernier Scale Provides 5 arcmin Precision
- Application Tested to 25 lbs (11.3 kg) Vertical Load



CR1-Z7



TDC001
DC Motor Controller
See Page 626



Please refer to our website for complete models and drawings.

The CR1-Z7 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 12 VDC servo motor supplies ample power for rotating vertical loads of up to 25 lbs (11.3 kg).

The CR1-Z7E bundles the CR1-Z7 Rotation Stage with our TDC001 T-Cube DC Servo Motor Controller and TPS001 power supply. For more information, see page 626.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
CR1-Z7	CR1/M-Z7	\$ 813.60	£ 585.79	€ 707,83	¥ 6,484.39	Motorized Rotation Stage
CR1-Z7E*	CR1/M-Z7E*	\$ 1,349.10	£ 971.35	€ 1,173,72	¥ 10,752.33	Rotation Stage with DC Servo Motor Controller
CR1A	CR1A/M	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	Rotation Stage Adapter

*Price includes a 10% discount on the drive module TDC001. Power supply included.