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# Rotary Piezo Positioning Stage



Stock **#88-551** CLEARANCE **1 In Stock**

-

1

+

C\$630<sup>.00</sup>

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| Qty 1+         | C\$630.00 each                |
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Product Downloads

General

Metric

Type:

Use with Piezo Positioning Stage Controller [#88-552](#)

Note:

Physical & Mechanical Properties

Rotary

Type of Movement:

Ball Bearing

Guide System:

Stage Size (mm):

|                                                  |                             |
|--------------------------------------------------|-----------------------------|
| 36.0 x 32.0                                      |                             |
| 360                                              | Travel (°):                 |
| Aluminum Body, Steel Bearing                     | Construction:               |
| 5.0                                              | Flatness (µm):              |
| 1 (Horizontal)                                   | Load Capacity (kg):         |
| Bi-directional: 0.0044<br>Uni-directional: 0.013 | Repeatability (°):          |
| 0.0022 Typ. (Open Loop)                          | Resolution (°):             |
| 6 Max with <a href="#">#88-552</a>               | Speed (°/s):                |
| 50                                               | Weight (g):                 |
| 100                                              | Wobble (µrad):              |
| Optical Properties                               |                             |
| 5                                                | Eccentricity (µm):          |
| ±100                                             | Wobble (mrad):              |
| Hardware & Interface Connectivity                |                             |
| Ultrasonic Mtor                                  | Type of Drive:              |
| Regulatory Compliance                            |                             |
| <a href="#">View</a>                             | Certificate of Conformance: |

## Product Details

Controller ([#88-552](#)) required for operation.

- High Precision Piezo Stages
- Stick-Slip Designs
- Ultra-Fine Control

Piezo Positioning Stages utilize piezo-driven motors to achieve sub-micron resolution travel in applications requiring fine positioning. Piezo Positioning Stages feature stick-slip designs that fully expand the piezo element to drive the stage along its axis of travel without sacrificing precision or overall travel range, in addition to embedded encoders to maintain repeatability. The linear positioning stages are capable of moving up to 2mm per second with a total travel of over 51mm. The rotary stage, which utilizes two pre-loaded steel ball bearings, is capable of rotating at over 6° per second over an unlimited travel range and features high blocking force.

**Note:** Controller ([#88-552](#)) required for operation.

## Technical Information

