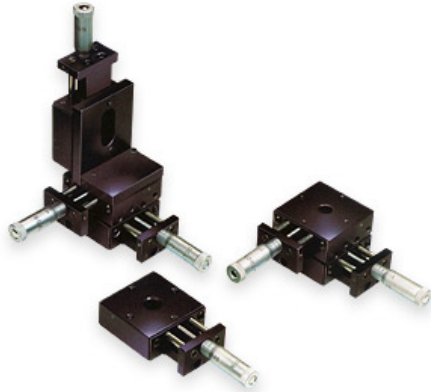


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CROSSED ROLLER POSITIONING STAGES



Series: R99, R100, R200, R300, R400, R450, R500, R700, R750, R1200, R2200, R3200









- **Load Capacity:** Up to 160, 160, 20 lbs.
- **Travel:** 0.25 – 0.5"
- **Straight Line Accuracy:** .0001" / inch of travel – .003mm / 25mm of travel
- **Positional Repeatability:** .0001"
- **Coefficient of Friction:** 0.003 typical
- **Drive** – Micrometer, .001" graduations standard, .01 mm graduations optional.
- **Construction:** Aluminum carriage and base, hardened steel shafts and balls, mild steel end caps.
- **Finish:** Black anodize. Other finishes on request.



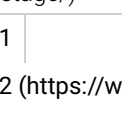


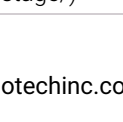


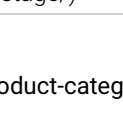


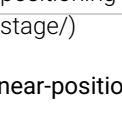
Isotech offers a wide range of micrometer driven Crossed Roller Positioning Stages with travels ranging from .25" to 3.0". All units are available in X, XY and XYZ configurations and can carry load ranging from 23 lbs all the way up to 160 lbs. Straight line positioning accuracy is 0.0001" per inch of travel.

All positioning stage model numbers are available with inch or metric micrometers and mounting holes. Most models are available with locking micrometers and all models can be supplied with our Posi-Lock friction locking mechanism to secure the table.

- High Capacity – Greater load bearing capacity than ball types. Better for impacts and overhanging loads.
- Straight Line Accuracy – Runout of 0.0001 inch per inch of travel.
- Wide Range – Carriages up to 5.125" square with four inches of travel.
- Smooth Accurate Movement – Spring forces hold carriage against micrometer head. Factory adjusted preload offers friction free running.
- Subminiature Sizes – R99 among the smallest commercially available roller stages 3/4 inch square.
- Positive Locking – Posi-Lock feature guards against movement caused by vibration or impact.

Showing 1–16 of 216 results

 <p>MODEL R101-X, CROSSED ROLLER POSITIONING STAGE</p> <p>(https://www.isotechinc.com/product/model-r101-x-crossed-roller-positioning-stage/)</p>	 <p>MODEL R101-XY, CROSSED ROLLER POSITIONING STAGE</p> <p>(https://www.isotechinc.com/product/model-r101-xy-crossed-roller-positioning-stage/)</p>	 <p>MODEL R101-XYZ, CROSSED ROLLER POSITIONING STAGE</p> <p>(https://www.isotechinc.com/product/model-r101-xyz-crossed-roller-positioning-stage/)</p>	 <p>MODEL R101MM-X, CROSSED ROLLER POSITIONING STAGE</p> <p>(https://www.isotechinc.com/product/model-r101mm-x-crossed-roller-positioning-stage/)</p>
 <p>MODEL R101-X, CROSSED ROLLER POSITIONING STAGE</p> <p>(https://www.isotechinc.com/product/model-r101-x-crossed-roller-positioning-stage/)</p>	 <p>MODEL R101-XY, CROSSED ROLLER POSITIONING STAGE</p> <p>(https://www.isotechinc.com/product/model-r101-xy-crossed-roller-positioning-stage/)</p>	 <p>MODEL R101-XYZ, CROSSED ROLLER POSITIONING STAGE</p> <p>(https://www.isotechinc.com/product/model-r101-xyz-crossed-roller-positioning-stage/)</p>	 <p>MODEL R101MM-X, CROSSED ROLLER POSITIONING STAGE</p> <p>(https://www.isotechinc.com/product/model-r101mm-x-crossed-roller-positioning-stage/)</p>

Crossed Roller Positioning Stages			
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