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TECHSPEC®

Crossed-Roller Bearing Piezo Tunable Linear Stages



- Micrometer with Separate Piezo Actuator for Fine Adjustment
- 40 x 40mm and 70x70mm in English and Metric Hole Patterns Available
- Easily Assembled into X-Y and X-Y-Z Configurations

Common Specifications

Physical & Mechanical Properties

| Type of Movement: | Linear (X) | Guide System: | Crossed Roller Bearing |
|------------------------------|------------|--------------------|------------------------|
| Drive Orientation: | Side Drive | Construction: | Aluminium Stage |
| Straight Line Accuracy (µm): | 2 | Pitch (arcsec): | 30 |
| Yaw (arcsec): | 25 | Piezo Travel (mm): | 0.03 |
| Piezo Resolution (nm): | 20.00 | | |

Optical Properties

Resolution (µm):

Technical Information

Products

| Stage Size (mm) | Туре | Travel (mm) | Travel (inches) | Stock Number | Price | Buy |
|--------------------|---------|----------------|-----------------|-----------------|---------|------------|
| 40 x 40 | Metric | 13 | - | #23-582 | £857.99 | 2 ln Stock |
| 70 x 70 | Metric | 13 | - | #23-583 | £954.30 | 3 ln Stock |
| 40 x 40 | English | - | 0.5 | #23-584 | £857.99 | 1 ln Stock |
| 70 x 70 | English | - | 0.5 | #23-585 | £954.30 | 4 ln Stock |



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