

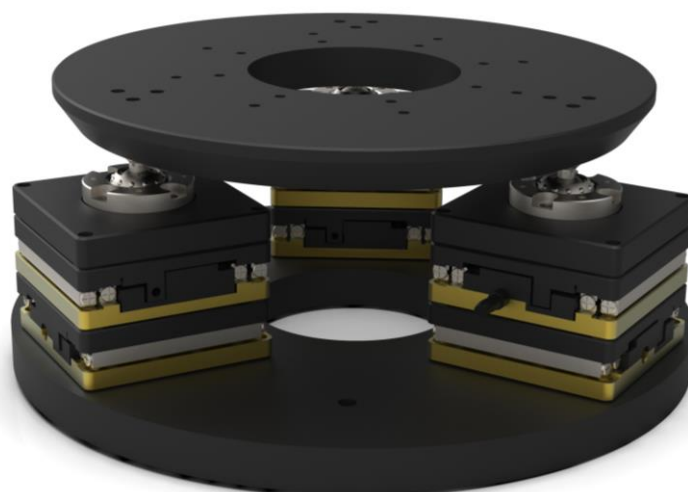
GO XYRStage

Precise 3-Axis Motion in One Plane

Nanometer Resolution Motion in One Plane

The PRECIBEO GO XYRStage is based on the precise and powerful GO Stages, with smooth continuous motion and that are self-locking at rest.

The PRECIBEO GO XYRStage is easily controlled through the GO Controller and the GO HexMotion Windows App. C++ DLLs are available for easy programmatic integration.



Technical Specification

| MODEL | GO XYRSTAGE |
|---|--|
| POSITIONING | |
| TRAVEL (X, Y) | +/-10 mm |
| TRAVEL Θ (Z) | +/-10° |
| MIN INCREMENTAL MOTION (X, Y) | 2 nm |
| MIN INCREMENTAL MOTION Θ (Z) | < 0,1 μ rad |
| REPEATABILITY (X, Y) | +/- 200 nm |
| REPEATABILITY Θ (Z) | +/- 15 μ rad |
| MOTION | |
| MAX OPERATING FORCE (PUSH / PULL) | (X) 10 N / (Y) 8 N (MIN.) |
| HOLDING FORCE (WHEN POWER IS OFF) | (X) 12 N / (Y) 10 N (MIN.) |
| MAX SPEED AT NO LOAD (X, Y) | 8 mm/s |
| MAX SPEED WITH MAX LOAD ON TOP PLATE (X, Y) | 8 mm/s |
| DRIVE TYPE | |
| XYRSTAGE BASE MODULE | PRECIBEO GO Stage LLS4545 |
| MECHANICAL | |
| MAX LOAD CENTERED ON TOP PLATE | 1 kg |
| DIAMETER | 165 mm |
| HEIGHT | 68 mm |
| MISCELLANEOUS | |
| CABLE FROM EACH OF THE 3 GO STAGES | 2 m cable (+-5%) with ix Industrial™ connector |
| MATERIAL | Aluminum |

Order Information

Please contact us by phone (+46 18 700 13 40) or email (sales@precibeo.com) for any enquiries.

| PRODUCT | DESCRIPTION |
|---------|---|
| GO-XYR1 | One GO XYRStage with Cables and Connectors including: <ul style="list-style-type: none"> One GO Controller with USB cable for connection with host computer. |

Disclaimer: Specifications of the product do not constitute a warranty of the properties. They are intended for information purposes only and are subject to change.