

GO



Control the motion manually at 10 nm/s to 8 mm/s

PRECIBEO GO Joystick

3-Axis High Precision Joystick

Nanometer Precision at Your Finger Tips

The PRECIBEO GO Joystick is a high precision 3-axis joystick for high resolution microscopy.

The ergonomic design and the 1,5 kg heavy base enables steady manual control of movements from nanometers to millimeters.

The GO Joystick has the following functionality in the GO Motion App:

- A full stroke with the GO Joystick equals 2 orders of magnitude of speed, e.g. from 0,1 $\mu\text{m/s}$ to 10 $\mu\text{m/s}$ or 10 $\mu\text{m/s}$ to 1000 $\mu\text{m/s}$.
- The max speed is chosen through buttons in the GO Motion App or with keyboard shortcuts.
- The left button saves the current position and the right button helps you lock chosen axes.

Just plug the GO Joystick USB connector into your computer, and you are ready to GO!

Plug & Play Joystick for the GO Motion App

- 3-axis Joystick
- Ergonomic design
- High resolution Hall Effect Sensors
- 1,5 kg base for steady operation
- Connects over USB



Technical Specification

MODEL	GO Joystick
MOTION	
NUMBER OF AXES	3
AXIS SENSOR TYPE	Non Contact Hall Effect
AXIS RESOLUTION	12-bit (0 to 4095)
BUTTONS	2
INTERFACES	
COMPUTER	USB 2.0
SUPPORTED OPERATING SYSTEM	Windows 10
ELECTRICAL	
SUPPLY VOLTAGE	5 VDC over USB
MAXIMUM CURRENT	70 mA
MECHANICAL	
SIZE	135x135x125 mm
WEIGHT	1,5 kg (+-10%)
MISCELLANEOUS	
OPERATING TEMPERATURE RANGE	0-50 °C
MATERIAL	Aluminum

Order Information

Please contact us by phone ([+46 18 700 13 40](tel:+46187001340)) or email (sales@precibeo.com) for any enquiries.

PRODUCT	DESCRIPTION
GO-JOY1	One GO Joystick with USB cable.

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.