GO

Run up to 3 axes with point2point nm motion control

PRECIBEO GO Controller

Plug & Play Motion Controller

Nanometer Motion Control for Microscopy

The PRECIBEO GO Controller enables point-to-point nanometer motion control with trapezoidal velocity profiles and PID regulation.

Each PRECIBEO GO Controller controls up to 3 stages simultaneously and easily connects with your computer over USB.

Get started by connecting the GO Stages to the GO Controller, connecting the GO Controller to your computer and installing the PRECIBEO GO App´s.

The PRECIBEO GO Motion App can run multiple controllers with up to three stages each. Move the stages with the buttons in the App, your keyboard or the optional joystick.

The PRECIBEO GO Command App enables plug & play command control with easy to use commands such as Speed, Go To and Read Position.

Point-to-Point Nanometer Motion Control

- 3-axis Controller
- Point-to-Point Motion
- Trapezoidal Velocity Profiles
- PID Regulator
- Connects over USB
- Easy-to-Use Command Set

PRECIBEO
MAKING PRECISION AVAILABLE

Technical Specification

MODEL	GO Controller
MOTION	
AXES	3
MOTION CONTROL TYPE	Point-to-Point Motion
MOTION PROFILE TYPE	Trapezoidal Velocity Profiles
CONTROL LOOP TYPE	Proportional – Integral – Derivative (PID)
INTERFACES	
COMPUTER	USB
STAGES	ix Industrial™
COMMAND SET	PRECIBEO ASCII Rapid
USER SOFTWARE	PRECIBEO GO Motion, PRECIBEO GO Command
ELECTRICAL	
SUPPLY VOLTAGE	48 VDC from external power adapter
OUTPUT VOLTAGE	0 to 48 VDC
MAX OUTPUT POWER	20 W
MECHANICAL	
SIZE	135x135x25 mm
WEIGHT	0,5 kg (+-10%)
MISCELLANEOUS	
OPERATING TEMPERATURE RANGE	0-50 °C
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-CTRL1	One GO Controller including: • One micro USB to USB cable. • One 100-240 VAC to 48 VDC power adapter with cable. • USB Memory Stick with GO Motion and GO Command.

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.