

2 Axis Stage Controller SHOT-702H

Catalog Code W9045

2 axis stage controller with built-in micro-step driver.

◦ Can be operated by computer control using the RS232C or USB (virtual COM port) interface . Manual and programmed control is available using optional dedicated controllers (JS-301, JB-401, JD-101, MD-400).



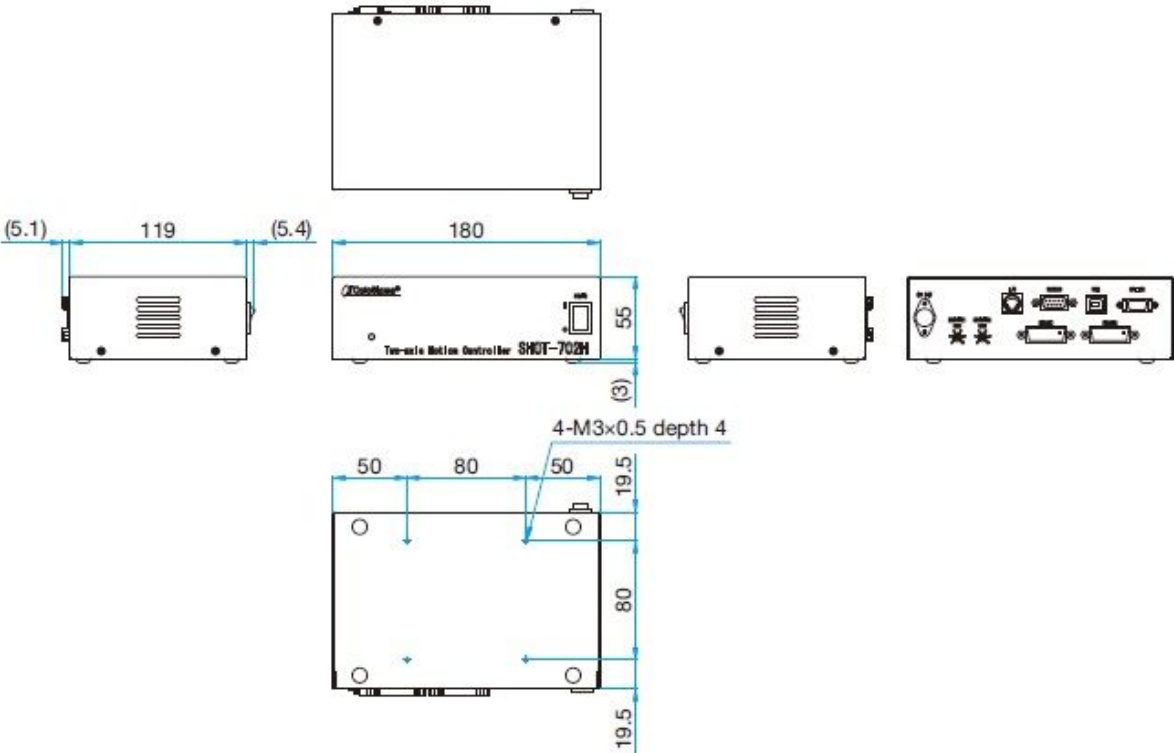
Guide

- ▶ Sample programs are available for download on our website.
 - SG Sample 32/64-bit version for Windows®
 - LabVIEW for RS232C

Part Number	SHOT-702H
Product Name	2 Axis Stage Controller
JP [Yen]	150,000

Outline Drawing

SHOT-702H



Specifications

Primary Functions

Controller Function	○
Number of Control Axes	2 axes
Stored Program Control	-
Feedback Control	-
Circular Interpolation Control	-
Linear Interpolation Control	-
Driver Function	Micro-step
Micro-step (Max. Division)	250

General Specifications

Power Voltage	DC24V 3.4A
Dedicated AC adapter	AC100V~240V 50/60Hz
Power Consumption	81.6VA
Temperature of Operation	5 – 40°C
Storage Temperature	-20 – 60°C
Storage Temperature	20 – 80%RH (without condensation)
Dimensions (W×H×D)	180×55×119mm
Weight	1.0kg

Performance Specifications

Coordinate Indication Range	-
Max. Travel to Set	268,435,455
Max. Driving Speed	500,000pps
Min. Driving Speed	1pps
Acceleration/Deceleration Time	1 – 1,000ms
Driving Current	0.25 - 1.4A/phase

Control Command

Machine origin return	○
Theoretical Origin Setting	○
Relative Position Drive	○
Absolute Position Drive	○
Jog Operation	○
Position Appointment	-
Circular Interpolation Control	-
Linear Interpolation Control	-
Drive	○
Deceleration Stop	○
Emergency Stop	○
Speed Setting	○
Motor Free/Hold	○
Port Input	○
Port Output	○

Interface

GP-IB	-
RS232C	○
USB	○ (virtual COM port)
Ethernet	-

I/O Specification

Origin Sensor	○
Proximity Sensor	○
CW (+) Limit	○
CCW (-) Limit	○
General Purpose Input	1 point
General Purpose Output	1 point
Control Input	1 point
Control Output	1 point

Optional

CJ-200A	-
JS-301	○
JB-401	○
JD-101	○
SJT-02	-
MD-400	○