

UC INSTRUMENTS MJ72004 Motion Controller

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MJ72004 Motion Controller

UC INSTRUMENTS MJ72004 motion-joystick universal controller is a stand-alone device for controlling up to four positioners. It provides four control knobs and a 20 characters by 4 lines LCD display. It also make it possible to navigate through different menus to set the driving parameters.

The device supports all kind of mechanical motion controllers including Newport, Thorlabs and other brand X, Y, Z motion stages and rotation stage. It also provide cost-effective, nanometer-scale remote positioning in a wide range of opto-mechanical systems.

The MJ72004 can be connected to PC via USB interface. For the USB connection, a Windows software package is included consisting of a GUI program, a Dynamic Link Library and static Library. It also can be easily programming by using Visual Studio 2005 or newer version software.

Features

- High accuracy movement control – up to nanometer-scale movement control
- Powered by PC USB port
- Compact size and light weight
- Provide a Windows software package and static libaray
- Fast startup
- Competitive price

Applications

- WDM, GFF, isolator, AWG, PLC components accuracy alignment control
- CFP2 Transceiver and Receiver accuracy alignment control
- Bio-Medical probe stage movement accuracy control

Specifications:

4 knobs provide 4 dimensions movement control (more dimensions control request can be approached by customers special request).

Supports all kind of mechanical motion controllers including Newport, Thorlabs and other brand X,Y, Z motion stages and rotation stage.

4 lines LCD display.

Powered by PC USB port;

No Windows driver is needed. (It is a Human Interface Device)

Windows software package is included consisting of a GUI program, a Dynamic Link Library and static Library.

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