

General Specifications

Model VJ77
PC-based Parameters Setting Tool
(with Model L4506HA Dedicated Adapter)

JUXTA

GS 77J01J77-01E

■ General

The VJ77 Parameter Setting Tool is a PC software package for setting various parameters and computing unit programs of the microcomputer-based JUXTA series, and various parameters of YS80 series rack instruments with the BRAIN communication function (hereafter, the YS80).

■ Model and Suffix Codes

Model VJ77- 10

Language

J: Japanese
E: English

■ Items to Specify When Ordering

- Model and suffix codes

■ Function

• Parameter setting

This function enables settings and modification of various parameters of microcomputer-based JUXTA or YS80, including input type, input range, output range, and burnout.

• Program setting

This function enables programming of the microcomputer-based JUXTA computing unit (programmable).

• Collective reading & writing data

This function allows the parameters and programs on the microcomputer-based JUXTA to be collectively read and then written to the JUXTA. It also enables you to read and write parameters to and from the YS80. You can also write to a YS80 even it is of a different style.

• File management

This function allows the programs made with this tool, and the parameters and programs read from the JUXTA to be saved on a PC's hard disk or other media. Also, you can save loaded YS80 parameters to the PC's hard disk.

• Data printing

This function enables the printing out of programs made with this tool and the reading of parameters and programs from the JUXTA by a printer. Also, you can print loaded YS80 parameters to a printer connected to the PC.

• Monitoring

This function enables the monitoring of inputs to and outputs from the microcomputer-based JUXTA or YS80 and the results of selfdiagnosis.

• Input and output adjustment

This function enables calibration of the microcomputer-based JUXTA's input/outputs or YS80's input/outputs.

■ Operating Environment

Item	Windows11 ⁽¹⁾ Japanese / English	Windows10 ⁽¹⁾ Japanese / English	Windows8.1 ⁽¹⁾ Japanese / English
Edition	Pro 64bit	Pro 64bit	Pro 32bit/64bit
Version ⁽¹⁾	21H2 or later	20H2 or later	Update
CPU	Intel processor that supports 64 bit and 1 GHz or faster with 2 or more cores	Intel processor that supports 64 bit and 2 GHz or faster speed (recommended)	Intel processor that supports 2 GHz or faster speed (recommended)
Recommended main memory capacity	8 GB or more	8 GB or more	2 GB or more
Recommended storage free capacity	32 GB or more	32 GB or more	16 GB or more
Display resolution	Display compatible with OS		
Communication port	USB port		
Printer	Support for letter or A4 size (Required for printing)		

1: YOKOGAWA also has ended support for OS's that Microsoft Corporation no longer supports.

■ Dedicated adapter

An adapter for connecting a JUXTA or YS80 to a personal computer.

Power supply: Supplied from the USB bus power.
Insulation resistance: Minimum of 100 M/500 V DC
between USB communication port and the
JUXTA connection sides

Withstand voltage: 500 V AC/minute between USB
communication port and the JUXTA
connection sides

Ambient temperature: 0 to 50°C

Ambient humidity: 5 to 90% RH (no condensation)

Transportation & storage conditions: -40 to 70°C,
5 to 95% RH (no condensation)

Waterproof & dustproof construction: Not applicable
Weight: 120 g or less (including dedicated cable)

■ EMC Standards

Model: L4506HA

CE: EN 61326-1 Class A Table 2 compliance
EN 55011 Class A Group 1 compliance

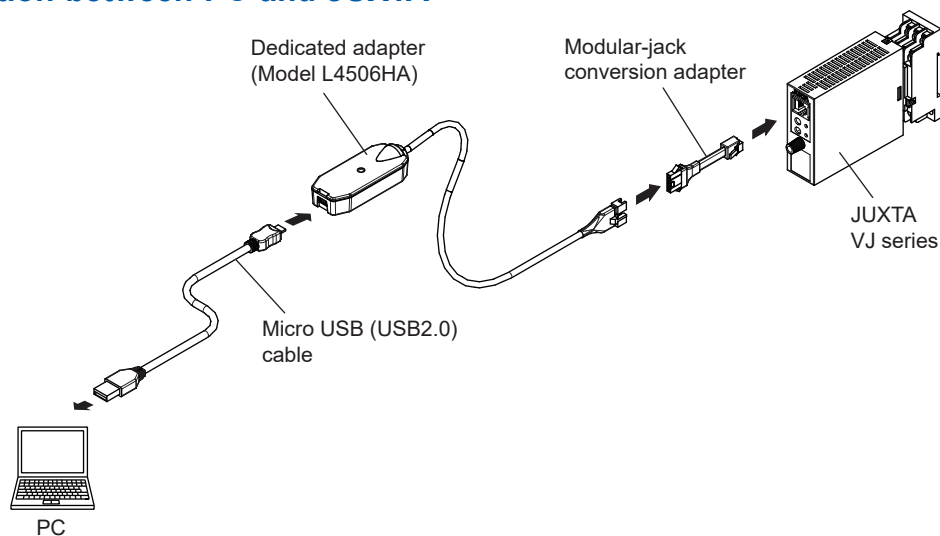
RCM: EN 55011 Class A, Group 1 compliance

KC: Electromagnetic wave interference prevention
standard, electromagnetic wave protection
standard compliance.

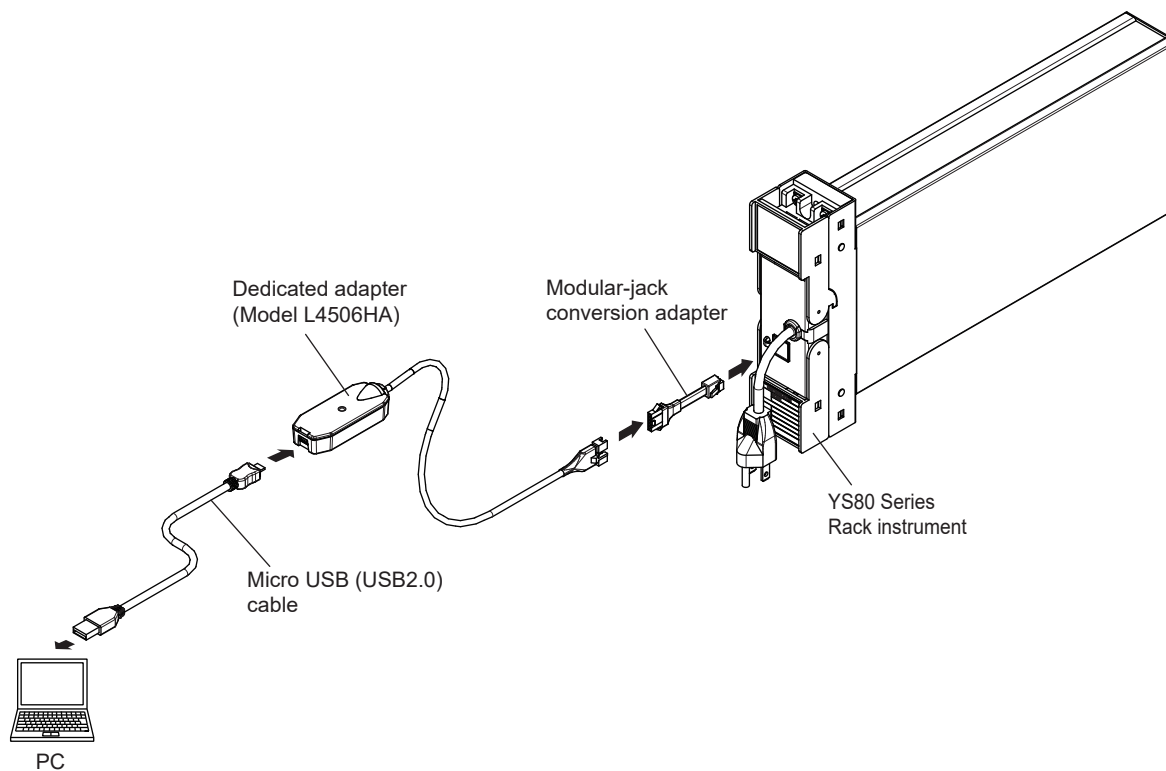
■ Environment Standard

EU RoHS directive: EN IEC 63000

■ Connection between PC and JUXTA



Example of connecting to the VJ series

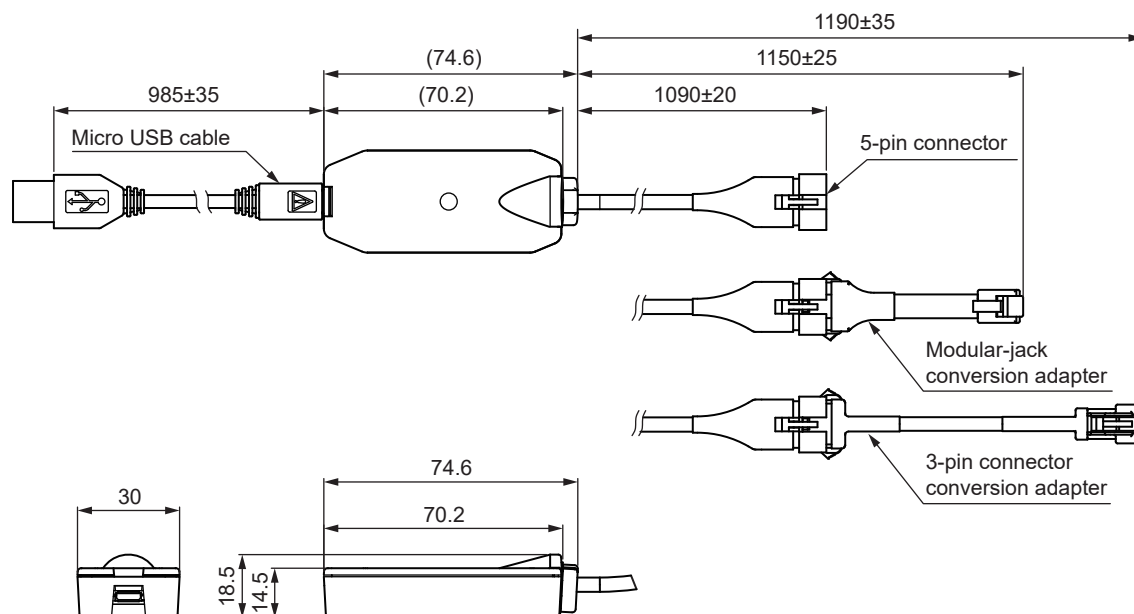


Example of connecting to the YS80 series

- **Instrument combination when communicating with JUXTA D series**
PC, Micro USB (USB2.0) cable, and dedicated adapter.
- **Instrument combination when communicating with JUXTA VJ, M and YS80 series**
PC, Micro USB (USB2.0) cable, dedicated adapter, and modular-jack conversion adapter.
- **Instrument combination when communicating with JUXTA F and W series**
PC, Micro USB (USB2.0) cable, dedicated adapter, and 3-pin connector conversion adapter.

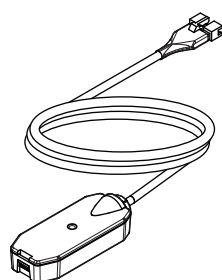
■ External Dimensions of Dedicated Adapter

Unit: mm

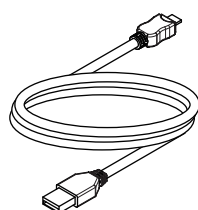


■ Standard Accessories

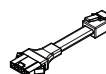
Dedicated adapter (Model: L4506HA): 1
 Micro USB (USB2.0) cable (Part no.: A1590WL): 1
 3-pin connector conversion adapter (Part no.: E9786WX): 1
 Modular jack conversion adapter (Part no.: E9786WH): 1



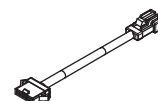
Dedicated adapter
(Model L4506HA)



Micro USB (USB2.0)
cable



Modular-jack
conversion adapter



3-pin connector
conversion adapter

■ Basic Conditions and Individual Contracts at the Time of Purchase

The warranty for this product is defined in the basic conditions and individual contracts at the time of purchase. The individual conditions are as follows.

- **Software warranty period**

The software warranty period is one year.

Please refer to the following URL for the procedure to update the software and the method to download the software.

<http://www.yokogawa.com/ns/juxta/vj77/download/>

- **Handling of non-conforming products**

If Yokogawa verifies a non-conformity of the product that is attributable to Yokogawa within the warranty period, we will deliver an equivalent product.

Yokogawa can not provide a free evaluation of non-conforming products. The investigation of the non-conforming products will be performed at the expense of the customer.

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