

General Specifications

Model YSS20
Programming Package for Windows

YS 100 SERIES

GS 01B07C08-06E

■ General

This programming package is required for the configuration of YS100 Single-Loop Controllers and the setting and creation of user programs for YS170 controllers on a personal computer.

You can download, upload, and print the mode settings, register values, and user program easily via the Windows operating environment.

■ Features

Mode/Register Setting Function:

Sets and changes the YS100's parameters, such as mode and registers. This enables the setting of control modes, PID parameters, tables, scales, and constants.

Programming Function:

Create user programs for the YS170 such as PID control programs by entering commands including input/output, computation, and control on a personal computer.

Communication with YS100:

Download and upload the mode settings, register values, and user program to/from a YS100.

File Management Function:

Save mode settings, register values, and user programs created using this package as well as upload them from a YS100 to a hard disk drive or floppy disk.

Print Function:

Print mode settings, register values, and user programs list.

■ Applicable Controllers

- YS170 Single-loop Programmable Controller
- YS150 Single-loop Multi-Function Controller
- YS136 Auto/Manual Station for MV setting
- YS135 Auto/Manual Station for SV setting
- YS131 Indicator with Alarm

■ Model and Suffix Codes

Model	Suffix code	Description
YSS20		Programming package
Operating environment	-1	Japanese version for Windows
	-2	English version for Windows
	1	Always 1
	0	Always 0

■ Operating Environment

Personal Computer:

An IBM PC/AT compatible computer with either Microsoft Windows 95/98, or Windows NT 4.0 operating software.

Operating System: Windows 95, 98, or Windows NT 4.0 (service pack 3 or later)

CPU: Intel Pentium 90 MHz or faster is recommended.

Main memory: 16 MB or more is recommended for Windows 95 or 98
24 MB or more is recommended for Windows NT 4.0

Hard Disk: 6 MB for program package 2 MB or more for data storage.

Display: 800 × 600 pixels or more

Font: small font

Color: 256 colors or more

RS-232C communication Port: 1 channel

3.5-inch floppy disk drive: 1(need for installation)

Printer: Needed for printing A4-size printer, compatible with Windows 95, 98, or Windows NT 4.0 .

Connection Cable:

9-pin,D-sub connector for personal computer and an 8-pin connector for YS100

Cable Length: 3 m

■ Contents of Package

Software: 3.5-inch,2HD 1.44 MB floppy disks(2disks)

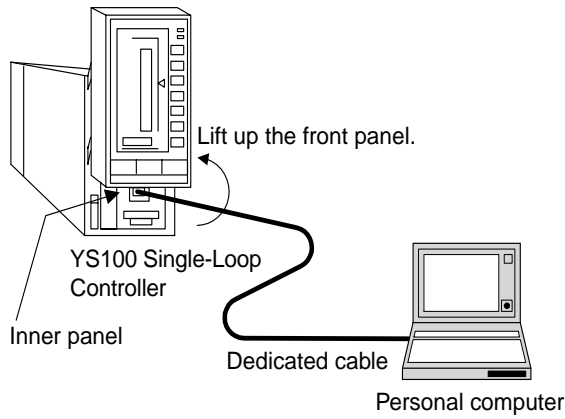
Connection Cable: Dedicated cable

Instruction Manual: 1 copy

■ Connection between YS100 and a personal computer

[Via Dedicated Cable]

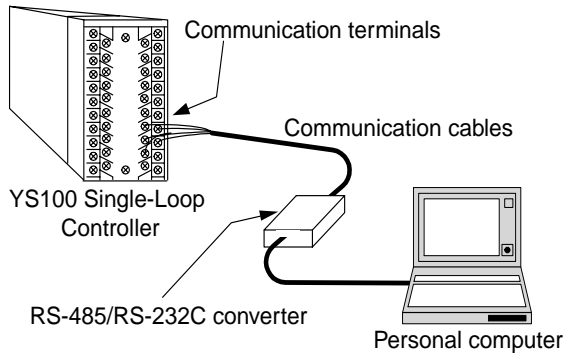
Connect the dedicated cable to the connector located in the lower section of the inner panel situated behind the YS100's front panel to download data to the YS100 or upload it from the YS100 on a personal computer.



**[Via communication Terminals]
(for YS1xx-0xx/A31 Only)**

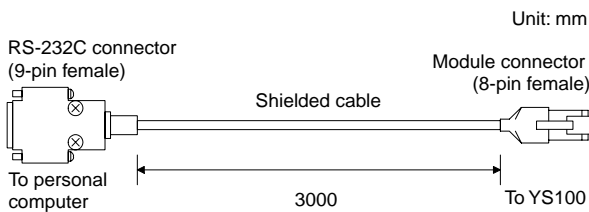
Downloading and uploading data via the communication terminals on the YS100's rear panel. This connection requires an RS-485/RS-232C converter*.

*: RC-27, RC-55A (RA SYSTEMS Corp.), etc.



External Dimensions

Connection Cable



Items to Specify When Ordering

Model and suffix codes

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