

Operating Specifications

Compatible PLC:

MELSEC Q series and iQ-R series manufactured by Mitsubishi Electric Corporation (Ethernet connection only) Process-CPU compatible (2PID,2PIDH,MONI)

MELSEC F series and iQ-F series manufactured by Mitsubishi Electric Corporation (Ethernet connection only)

SYSMAC CS series and CJ series manufactured by OMRON Corporation (Ethernet connection only) LCB-compatible (PIDs, instructions)

Server PC

OS: Windows10 Pro ver 1909 or later or LTSC 2019 64bit only

Excel2016, Excel2019, Excel2021

CPU: Intel Core i5-3.0GHz or higher

Memory: 16 GB or more (32GB or more recommended)

HDD/SSD: 500 GB OR MORE (RECOMMENDED: RAID1 CONFIGURATION)

Client PC (supports up to two connections)

OS: Windows10 Pro ver 1909 or later or LTSC 2019 64bit only

Excel2016, Excel2019, Excel2021

App Server PC

OS: Windows10 Server 2019 +CAL, RDS CAL licensing

CPU: Intel Xeon-3.0GHz or higher

Memory: 16GB or more (32GB or more recommended)

Graphics card mandatory (NVIDIA Quadro P620 recommended)

HDD/SSD: 500 GB OR MORE (RECOMMENDED: RAID1 CONFIGURATION)

App Client (supports up to four connections)

iPhone, iPad, Android(Microsoft Remote Desktop app installation required)

HMI Standard Function

Alarm notification, alarm history, group, trend, comparison trend, S2 form, tag monitor, operation history, event history, operation guide notification/history

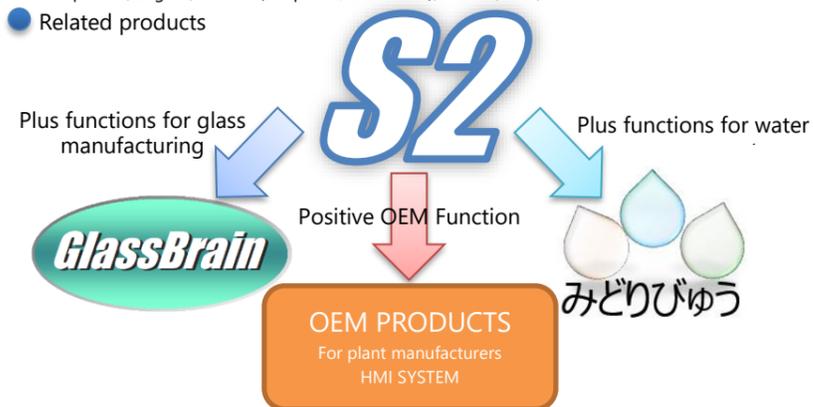
File list, SW Utility (PLC-internal monitor function), on-screen printing/reverse printing, sticker

※ Storage period: 1 year (changeable)

Supported languages

Japanese, English, Chinese(Simplified/Traditional), Korean, Thai, Vietnamese

Related products



S2

S-System2

HMI system for PLC

[Trademarks described in the catalog]

MELSEC-Q, MELSEC iQ-R, MELSEC-F, MELSEC iQ-F is a registered trademark of Mitsubishi Electric Corporation.

SYSMAC OMRON CS-1, CJ-1 is a registered trademark of OMRON Corporation.

Intel Core i5, Xeon is a trademark of Intel Corporation in the United States and/or other countries.

NVIDIA Quadro P620 is a registered trademark or trademark of NVIDIA Corporation in the United States and/or other countries.

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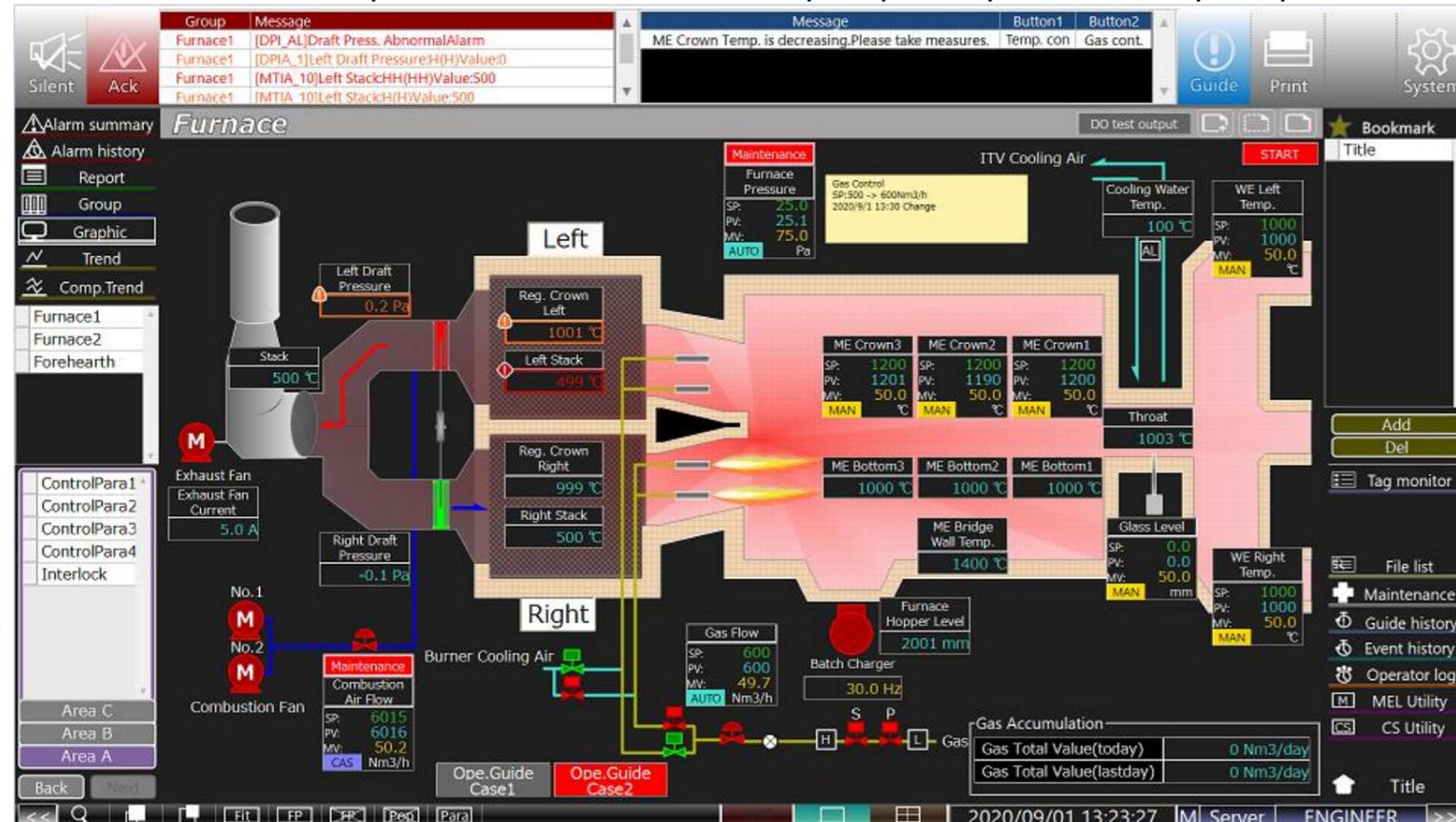
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Realizes a human-friendly operation monitoring function

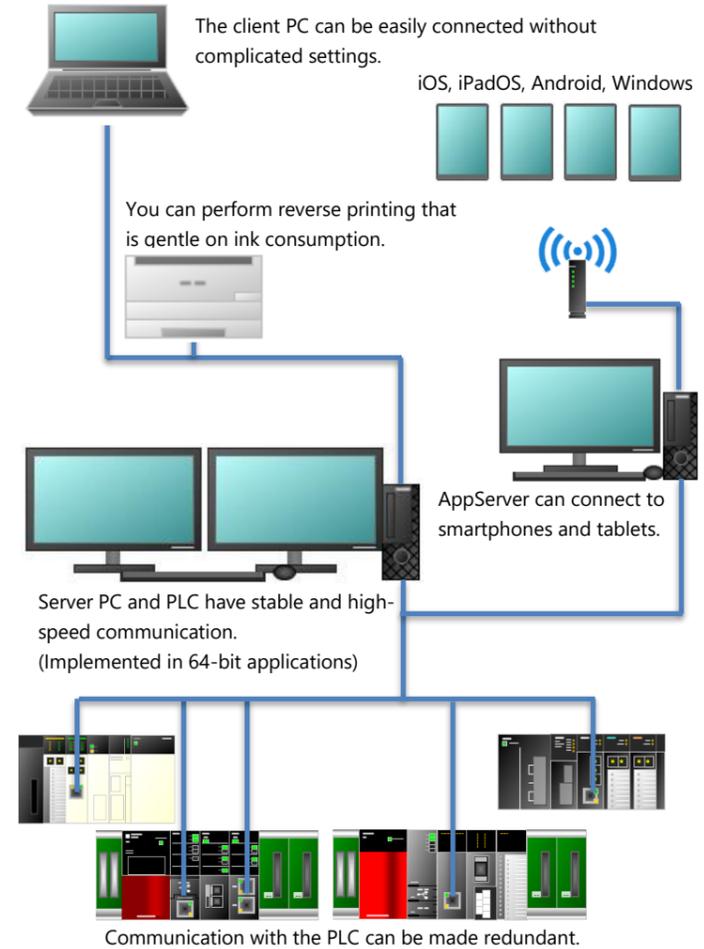
The HMI system construction experience accumulated in glass manufacturing plants is combined with the latest technologies to enable monitoring and control tailored to users. Provides HMI systems with functions suitable for PLC instrumentation and easy-to-use operability.

The highly visible character font, the easy-to-use screen structure based on black, and the easy-to-use user interface help improve production quality.



HMI configuration

It supports dual monitors, client/server configurations, and duplex communications. Flexible configurations suitable for the equipment to be introduced are possible.



Please experience with a demo PC.
We look forward to hearing various opinions from you.

- Operation guide function**
Guidance on the process state.
- Alarm Status/History**
Notifies alarm information in an easy-to-see and easy-to-understand manner.
- Forms**
It can be created with easy registration and easy setting.
- Group**
Selects 1 screen 8 tags/20 tags.
- Trend**
It's the most popular feature, which is easy to see and use.
- Graphics**
From the value, right-click the menu, and immediately trend, It can be expanded to the group screen.
- Tag monitor**
A large number of tag information can be monitored collectively.
- File list**
You can list the contents of the specified folder and display the file with the associated application.
- Event history**
ON/OFF data of the tag can be recorded in 1-second increments.
- Operation history**
The change of the set value of the selected one can be recorded.
- Sticky note**
You can leave the message you want to convey to the monitoring screen.

In addition, it is equipped with the following functions.



- Comparison trend (left of screen)**
Displays two trend graphs. The trend graph can be used for various comparative trends such as graph overlay display or split graph display. (Optional function)
- SW Utility (right-hand side of the display)**
You can display a list of actual PLC data and read/write it. It is useful during commissioning and maintenance. (SUPPORTS SYSMAC, MELSEC)
- Data can be used.**
You can save various collected information, including trend graphs, in CSV format. It can be used for plant data analysis.

| アドレス | 名前 | 値 |
|-------|-------|-------|
| D-100 | M_0 | 7170 |
| D-101 | M_16 | 8 |
| D-102 | M_32 | 0 |
| D-103 | M_48 | 0 |
| D-104 | M_64 | 0 |
| D-105 | M_80 | 512 |
| D-106 | M_96 | 16480 |
| D-107 | M_112 | 26 |
| D-108 | M_128 | 0 |
| D-109 | M_144 | 0 |
| D-110 | M_160 | 0 |
| D-111 | M_176 | 16 |
| D-112 | M_192 | 1280 |
| D-113 | M_208 | 20500 |
| D-114 | M_224 | 220 |
| D-115 | M_240 | 0 |
| D-116 | M_256 | 0 |
| D-117 | M_272 | 0 |
| D-118 | M_288 | 0 |
| D-119 | M_304 | 0 |

- The left and right menus can be displayed or hidden.**
Used for more extensive monitoring of monitoring screens and for tablet use.
- Uses a variety of screen modes to make information easier to see.**
You can perform operations tailored to the user in 1-screen mode, 4-screen mode, and screen pop-up. **It also has a number of other functions.**