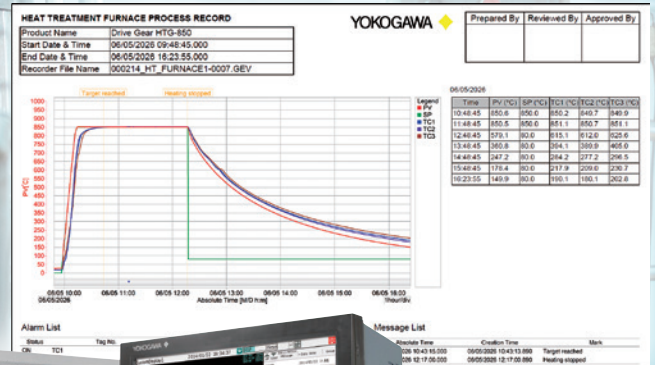


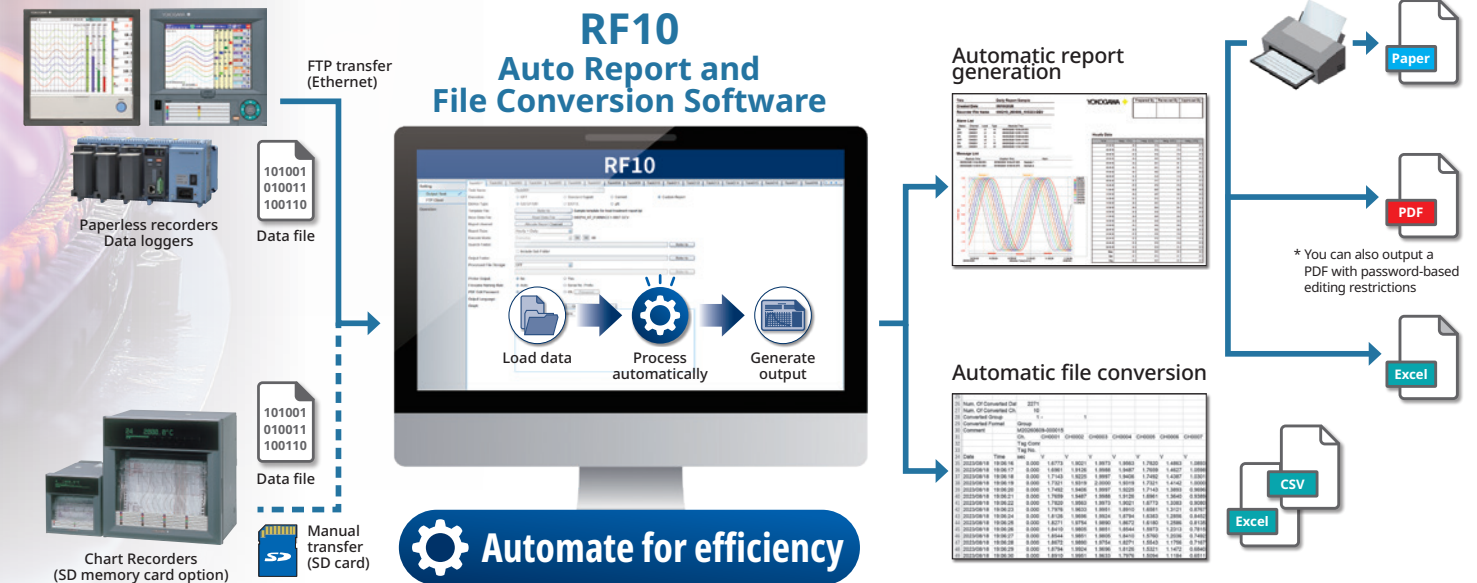


OpreX™ Data Acquisition

Auto Report and File Conversion Software RF10

Automate your use of recorder data

RF10 is PC software that automatically creates reports and converts files to Excel/CSV format based on data files from recorders and data loggers. By automating these tasks, daily work can be reduced and made more efficient. RF10 helps you digitize traditional handwritten reports and utilize recorded data in a wide range of fields, including pharmaceutical manufacturing, food, heat treatment, and equipment monitoring.



Create reports



Based on recorded data, automatically create daily reports, batch reports, and other reports in the format appropriate to your application. You can also manually create reports at a later time.

Export to Excel/CSV



Automatically convert recorded data to Excel/CSV format. Easily use data for a variety of purposes, such as importing into higher-level systems and analysis.

Data acquisition via FTP



The FTP function makes it easy to automatically retrieve data files. It features automatic configuration for the built-in Windows FTP server function, as well as an integrated FTP client that allows you to retrieve necessary files in batches.

When creating reports or exporting, it can also automatically copy (back up) recorded data files to another folder.

Automate reports

Create reports automatically based on the data from paperless recorders, and automate tasks from printing to file output. You can also incorporate the production information from the PLC into the report. This reduces the need for on-site chart paper collection and mounting, and manual report generation, making reporting tasks efficient.

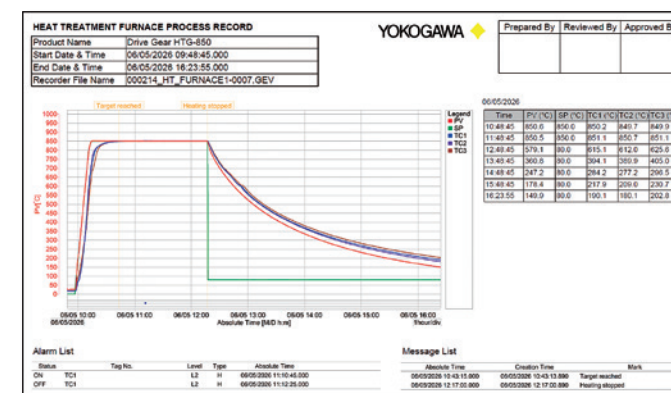
Customize reports

With the report customization function, you can output a layout similar to the one you are currently using. The function supports a variety of application-specific formats, such as pharmaceutical manufacturing and heat treatment.

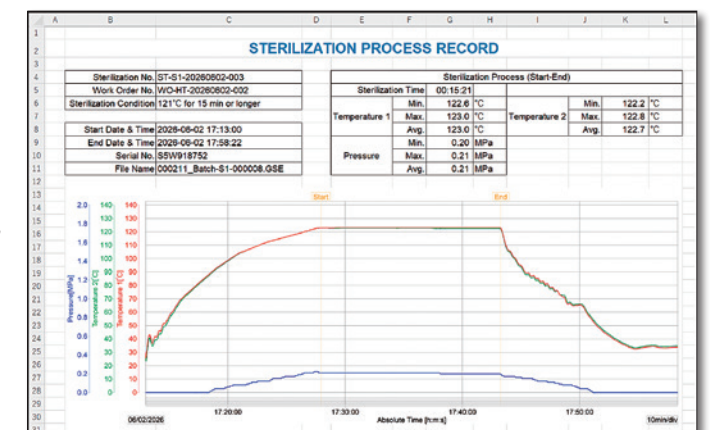
Example report: Sterilization process

When combined with the elapsed time calculation function of the SMARTDAC+ Paperless Recorder, you can automate the measurement and entry of sterilization time, which previously required manual verification based on waveform data from chart paper. You can automatically create custom reports that include trend waveforms, sterilization time, and F-values.

- Import production information stored on a PLC or other device as recorder batch text and apply it to the report
- Various Excel functions can be incorporated into the report template



Trend waveforms, numeric data, and alarm information can be easily output in a fixed format (the print format of Universal Viewer software) without needing to create a template file as a standard report.



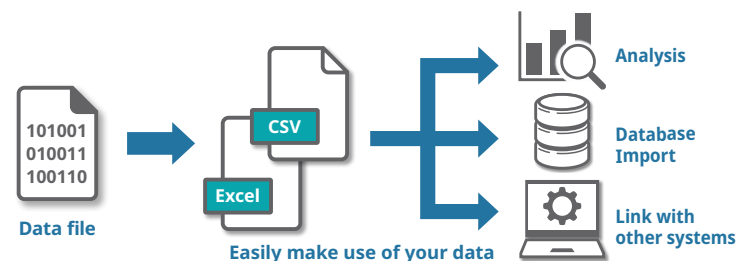
Example report: Heat treatment

By linking with the math, messaging, and batch functions of the SMARTDAC+ Paperless Recorder, trend waveforms and accompanying information are automatically output, streamlining the report creation process.

- In addition to trend waveforms, numeric data such as per-minute and per-hour are output in a list format
- Recorder alarm and message information can be added along with date and time.
- In addition to free text, you can insert image data such as the person in charge/approver field and the company logo

Automate file conversion

- By automatically converting binary recorded data to Excel/CSV format, you can use your existing analysis and reporting tools as is. Plus, you can easily link data with other systems.
- Streamline routine tasks by automating manual conversion operations that used to be performed with free viewer software (Universal Viewer).



Specifications (Overview)

- Standard or custom report generation / File format conversion
- Output tasks: Up to 200
- Search folders: 1 per output task (search can include subfolders)
- Processable search folders: Up to 500 total for all task (including subfolders)
- FTP clients: Up to 200
- Authentication: Up to 20 users
- Audit trail entries: No limit (depends on storage space)

Operating Environments

OS	Windows 11 Windows Server 2019, 2022, 2025
CPU	Intel Core i5 or higher (12th-generation or later) or a CPU with equivalent or better performance
Internal memory	16 GB or more
Storage	64 GB or more of free space, SSD recommended, NTFS recommended.
Communication ports	An Ethernet port compatible with the OS

Target Devices and Files

Device Name	File Type (Extension)
GX10	Display data (*.GDS, *.GSD)
GX20	Event data (*.GEV, *.GSE)
GP10	Report data (*.GRE)
GP20	Report data (*.GRE)
GM10	Manual sampled data (*.GMN)
DX1000	Display data (*.DAD, *.DSD)
DX1000N	Event data (*.DAE, *.DSE)
DX2000	Report data (*.DAR)
FX1000	Manual sampled data (*.DAM)
μR10000*1 μR20000*1	Event data (*.RXE)

*1 An SD memory card (/EM1 option) is required.

Model and Suffix Codes

- Auto Report and File Conversion Software

Model	Optional Suffix Code	Description
RF10 ^{*2}		Auto Report and File Conversion Software (Standard edition)
Option	/LE	Lite edition (File conversion and FTP functions only) ^{*3}

- Validation Document (Sold Separately)

Model	Description
775230 ^{*2}	Validation document for RF10

*2 Formats offered

A license sheet is provided that contains the license key required for installation.

Download the software and validation documentation at

<https://myportal.yokogawa.com/>

*3 The report creation function is not available on the Lite edition (standard version only).

An upgrade license from Lite to Standard (RF10UP) is available.

Welcome to the RF10 60-day free trial

You can use all the functions of this software free of charge for 60 days.
Download from our RF10 product page.

Product page ▶▶▶
www.yokogawa.com/daqsoft/



Membership registration

You can check information about your purchased products, and use services such as software updates and various downloads.

Membership site ▶▶▶
<https://myportal.yokogawa.com/>



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NOTICE

- Before operating the product, read the instruction manual thoroughly for proper and safe operation.
- If this product is for use with a system requiring safeguards that directly involve personnel safety, please contact the Yokogawa sales offices.

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Printed in Japan, 608(KP)
[Ed : 01/b]