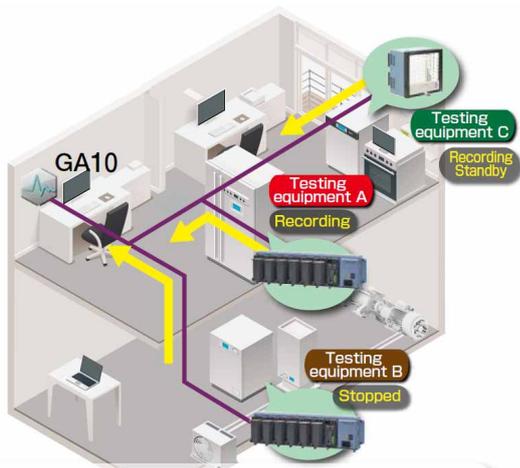


SMARTDAC+ Data Logging Software GA10 Release2



SMARTDAC+ GA10 data logging software running on PCs can connect with devices such as data loggers, recorders, temperature controllers, power meters, etc., and can collect, record and display data from up to 2,000 channels. The GA10 can achieve centralized monitoring and recording of multipoint data without introducing expensive high-grade systems.

The functions of release 2, including a report printing function, have been significantly enhanced, which goes a long way toward satisfying the increasing scope of customer needs.



MAJOR FEATURES

■ **Outputting customized reports**
The GA10 can generate reports based on the collected data in which tables, graphs, text, and image data are freely arranged. Customized reports can be generated as shown in Figure 1: a report for submitting to governmental and municipal offices, and a report of evaluation test results.

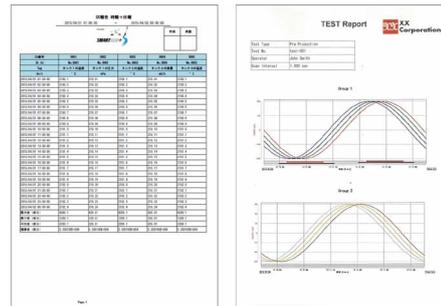


Figure 1 Examples of output reports

■ Real-time calculation

The GA10 has a function that performs real-time calculation on the collected data and displays the results. For example, this function enables calculation of difference between temperatures obtained from different devices and calculation for unit conversion purposes. The former example is shown in Figure 2.

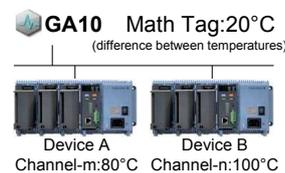


Figure 2 Example of real-time calculation

■ **Server function based on OPC Unified Architecture (UA)**
The GA10 conforms to the specifications defined in the OPC UA for interoperability when exchanging data via industrial automation, and provides a server function based on the specifications. As a client to this server function, host systems including supervisory control and data acquisition (SCADA) systems, even non-Yokogawa products, can make use of the collected data and calculation results in the GA10.

MAJOR SPECIFICATIONS

Items	Specifications
The number of devices to be connected	Max. 100
The number of tags	Max. 2,000
The number of math tags	Max. 200
The number of clients to be connected	Unlimited (verified up to 32 clients)
Scan interval	100 ms at the fastest (using PC time) Scan interval specified in each device (using instrument time)

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