Contact our sales staff about the availability in your region.

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**UTAdvanced**
Digital Indicating Controllers

PID controllers and indicators with alarms are available. Easy-to-read screen and excellent flexibility.
- Easy-to-read color LCD display
- Universal input and output
- Easy setting and control using a PC
- Built-in ladder sequence function
- Compatible with various open networks

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**SMARTDAC+ GM / UPM100**
Small-scale Power Monitoring Package

Visualizing power consumption in factories

Further evolution in chart recorders

A broad range of data collection and control with excellent reliability and user-friendliness

New model accepts SD cards.

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**YS1000 Series**
Single Loop Controllers

Reliable single-loop controllers

- YS1700 programmable indicating controller
- YS1500 indicating controller
- YS1310 indicator with alarm
- YS1350 manual setter for SV setting
- YS1360 manual setter for MV setting

Color LCD
High reliability
Compatible housing

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**μR Series**
Chart Recorders

Further evolution in chart recorders

New model accepts SD cards.

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**JUXTA**
Signal Conditioner

Extensive lineup to meet various needs

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**DTSX**
Distributed Temperature Sensor

Wide-area temperature measurement using fiber-optic cables

- One-box type
- Module type

Max. 4 channels, each channel able to measure up to 16 km

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**TC10**
Compact Temperature Controller

3-color active display

- 1/16DIN
- 62 mm in depth
- Universal input
- Serial communication

Max. 16 channels, each channel able to measure up to 50 km

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**SMARTDAC+**
Paperless Recorder / Data Logger

A broad range of data collection and control with excellent reliability and user-friendliness

- Panel mount type
- Portable type
- Touch panel operation (GX/GP)
- Max. 450 ch (GX/GP)
- Max. 260,000 steps
- 90 OSSs pre-installed
- 1 ms scan time for a 100,000-step program
- Diverse I/O modules
- Linux 3.18 + PREEMPT_RT
- Application development on Windows PC
- Max. 450 ch (GX/GP)
- 920 MHz wireless
- Cloud-enabled
- Compatible with various networks

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**e-RT3 Plus**
Edge Computing Platform

IIoT platform for edge computing

Diverse applications
- Monitoring
- Process control
- In-line measurement
- Intelligent gateway
- Machine control

No need of Linux knowledge
- Web maintenance tool
- Total support, from development to maintenance
- Max. 260,000 steps

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**FA-M3V**
Leading-edge Controller

Outstanding performance thanks to original engine and new control method

Diverse applications
- Monitoring
- Process control
- In-line measurement
- Intelligent gateway
- Machine control

No need of Linux knowledge
- Web maintenance tool
- Total support, from development to maintenance
- Max. 260,000 steps

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**SmartDAC+**

Wireless data collection ideal for monitoring the environment

- 1 km line of sight
- Thermocouple
- Vibration sensor
- GM10

- Early detection of equipment abnormality

- Long-term continuous recording of vibration and temperature
- Example of vibration measurement and diagnosis

- Simultaneous measurement of fast- and slow-changing signals

- A high-speed analog input module allows simultaneous measurement of temperature, vibration, and fast-changing signals such as pressure and acceleration.

- Recording and control with a single unit

- A PLC control module allows both recording and control with a single unit, saving space.

- Acquiring data from multiple devices

- The GA10 data logging software allows centralized monitoring of data from recorders and data loggers.

- Working with PLCs

- The GX20 supports various protocols, which enables data to be shared with recorders and PCs.

- Acquiring temperature and vibration data from power plant turbines.

**UTAdvanced**

Thermography camera package for measuring wider area

- The communication function enables monitoring and recording of data from thermography cameras installed over a wide area where sensor wiring is difficult.

- Example: Leakage monitoring in LNG supply facilities.

**Easy deployment and support energy saving**

- Supports energy saving in schools, shops, and buildings.

**One-stop service for cloud monitoring**

- Remote monitoring of distant locations such as isolated islands.
- Remote monitoring of equipment installed in a customer’s site.
- Works with SmartDAC+ and μL.

**DTSX**

- Deterioration management
- High-temperature furnace
- Monitoring the deviation of an abnormality.

- Fire detection
- Temperature, vibration sensors
- Monitoring with programmingless control

**UTA**

- Controlling an electric furnace
- Controlling an incubator
- Controlling heating and cooling
- Cascade control

**e-RT3 Plus / FA-M3V**

Remote monitoring system

- A web server to monitor equipment
- Acquires data on equipment via Ethernet/IP or FL-net and monitors conditions via tablets and other mobile devices
- Inexpensive system with Linux open source software (OSS)

**Key items**

- CPU module supporting Linux: F38P71-1B/F38P71-2L
- Open source software web server: APACHE, for example

**Wafer inspection equipment and a system for monitoring equipment conditions**

**Features**

- Operation of conveyor
- Monitoring thermographic images on a web browser
- Monitoring vibration

**Key items**

- Waveform monitoring
- Imaging using a web browser
- Monitoring abnormality

**Controlling temperature, vibration sensors**

- Monitoring the deviation of an abnormality
- High-temperature furnace
- Temperature, vibration sensors

- Monitoring with programmingless control

**Monitoring temperature distribution**

- Leakage, clogging, and heat trace of plumbing

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