Measuring, Recording, and Monitoring
WHAT you want, WHERE you want, and WHEN you want.
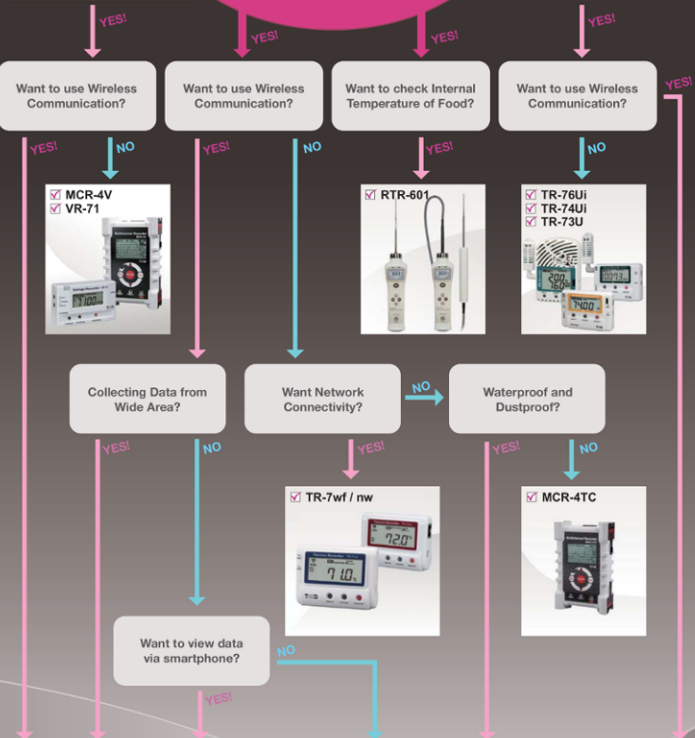
Flowchart (left panel)

Need to keep track of Voltage, Pulse, or 4-20mA Data? → YES!

Need to keep track of Temperature and Humidity Data? → YES!

Need to keep track of CO2, Illuminance, UV, or Pressure? → YES!

- Want to use Wireless Communication?
  - YES! → NO → ☑ MCR-4V ☑ VR-71
- Want to use Wireless Communication?
  - YES! / NO
- Want to check Internal Temperature of Food?
  - YES! → ☑ RTR-601
- Want to use Wireless Communication?
  - YES! → NO → ☑ TR-76Ui ☑ TR-74Ui ☑ TR-73U

- Collecting Data from Wide Area?
  - YES! / NO
- Want Network Connectivity?
  - YES! → NO → Waterproof and Dustproof?
- Waterproof and Dustproof?
  - YES! → ☑ TR-7wf / nw
  - NO → ☑ MCR-4TC

- Want to view data via smartphone?
  - YES! / NO

- ☑ RTR-500
- ☑ TR4
- ☑ log-EZ
- ☑ TR-5i
- ☑ RTR-576 ☑ RTR-574

T&D Data Logging Systems: Choice Means Solutions
Get more information at www.tandd.com
www.nihonkasetsu.com

Data Loggers Built to Work and Last in Harsh Environments

TR-57DCi: Handheld Data Collector (Infrared Type)
TR-51i: Thermo Recorder (Infrared Type)

The durable body with waterproof and dustproof capacity makes the TR-51i ideal for long-term measurement in harsh environmental conditions - such as frozen storage or consistent exposure to sun, rain, wind, and dust. Measured data can be easily collected and checked on the spot by using the TR-57DCi.

TR-51i   TR-57DCi

For Maintaining Indoor Environmental Comfort

TR-74Ui (USB) / RTR-574 (Wireless): Illuminance UV Recorder
TR-76Ui (USB) / RTR-576 (Wireless): CO2 Recorder

These loggers are capable of simultaneously measuring temperature & humidity plus Illuminance & UV or CO_2.
Select from USB connection type (TR) or wireless connection type (RTR) for wireless installation and remote data management.

RTR-574 (Wireless)
TR-76Ui (USB)

Wireless Temperature Management of Product Transport and Delivery

RTR-500MBS-A: Mobile Base Station
RTR-500DC: Handheld Data Collector
RTR-501: Wireless Thermo Recorder

After collecting data from our RTR-500 series loggers via wireless radio communication, the RTR-500MBS-A automatically sends it via cellular phone network to the set FTP server or email - Perfect for managing temperature during transport.
The RTR-500DC is a portable, handheld data collector. The collected data can be easily displayed in graph form in its LCD display, enabling immediate on-the-spot checking of data.

RTR-501
RTR-500MBS-A   RTR-500DC

Food Safety with T&D

RTR-601: Food Core Temperature Data Logger
RTR-502: Wireless Thermo Recorder
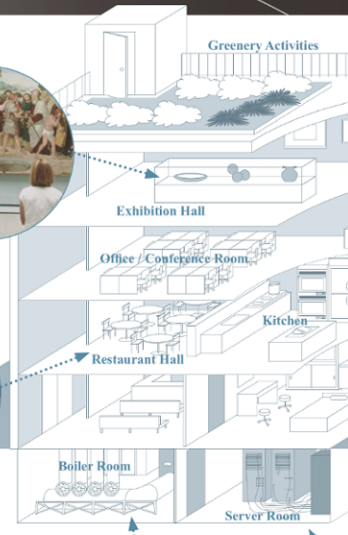**RTR-500AW/500NW: Network Base Station**

T&D has wireless and network connected solutions for monitoring all aspects of food preparation, transportation, storage, and service. Automatic warnings will help you monitor food quality and safety with no monthly fees.
Recorded data in the RTR-601 and RTR-502 is periodically collected by the Base Unit (RTR-500NW/500AW) via wireless communication, and automatically sent to preset e-mail addresses or an FTP server.

Network Base Station
RTR-500NW (Wired LAN)
RTR-500AW (Wireless LAN)

LAN

RTR-502
RTR-601-110

Real-Time Monitoring and Auto-Upload via Smartphone

TR41: Bluetooth Temperature Data Logger

Bluetooth enabled TR4 series allow easy access to your data via smartphone. We offer dedicated apps for real-time monitoring of changing data and uploading recorded data to our free cloud service "T&D WebStorage Service".

TR41

For Equipment Maintenance and Testing

MCR-4V: Voltage Data Logger
MCR-4TC: Thermocouple Data Logger (K, J, T, S, R)

The MCR Series Multichannel Recorders are 4-channel battery operated data loggers. Up to 4 units can be coupled together, making it possible to simultaneously record up to 16 channels. MCR-4V allows for quick and precise voltage measurements with the shortest recording interval at 2msec and the most precise resolution of 10μV. MCR-4TC with a variety of compatible thermocouple sensors makes it possible to measure wide ranges of temperature.

Managing Temperature and Humidity Data via the Internet from Long Distances

TR-72wf/72nw: Network Connected Temp/Humidity Data Loggers

These network-dedicated loggers, TR-7wf (wireless LAN) and TR-7nw (wired LAN), allow for the auto-uploading of recorded data to our cloud-based T&D WebStorage Service. They also enable the monitoring of data and warnings from PC or mobile device browsers as well as the sending of warning notifications by email.

LAN   T&D WebStorage Service
Current Readings
E-Mail (Warning Report)

TR-72nw (Wired LAN)
TR-72wf (Wireless LAN)

Building areas
Greenery Activities
Exhibition Hall
Office / Conference Room
Kitchen
Restaurant Hall
Delivery
Boiler Room
Server Room

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