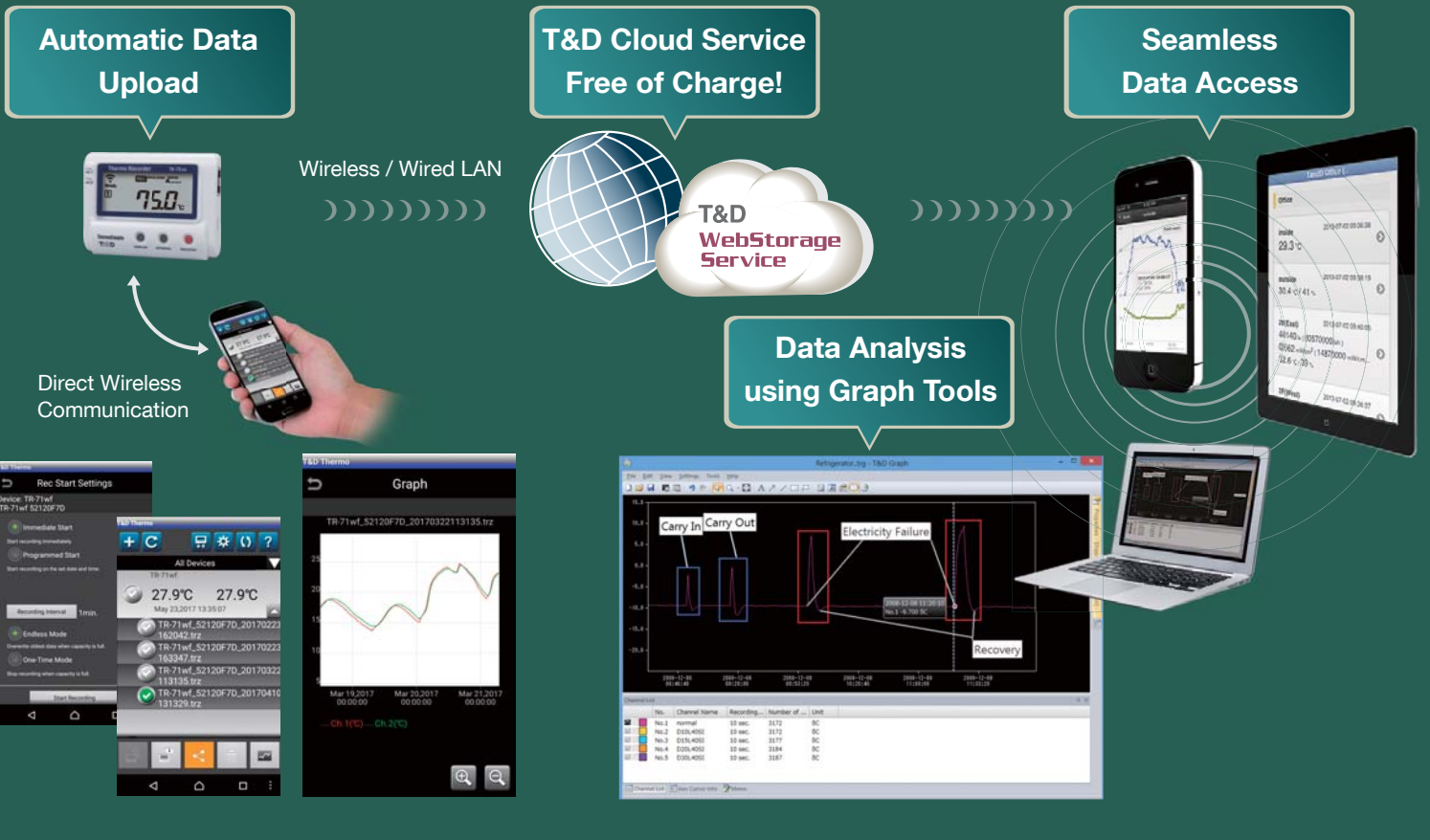


New Line-up of TR-7wf/nw series Network / USB Data Loggers



Thermocouple Logger for Cloud Storage TR-75 wf / nw



Thermo Recorder ThermoCouple **TR-75 wf/nw**

Compatible with Type K, J, T, E, S and R Thermocouples
Measures two channels simultaneously

Automatic Data Upload to Cloud Storage
Uploads recorded data via wireless LAN (75wf) or wired LAN (75nw) to "T&D WebStorage Service" at programmable intervals

Check Data via PC, Smartphone or Tablet
Uploaded data can be viewed from anywhere, anytime. Direct data download and setup via USB (with PC) or wireless LAN (with smartphone / tablet) are also possible.



TR-75wf
Wireless LAN Communication



TR-75nw
Wired LAN Communication

Measurement Channels	Temperature 2ch (External)
Sensor	Thermocouple: Type K, J, T, E, S, R
Measurement Units	°C, °F
Measurement Range	K -199 to 1370 °C E -199 to 1000 °C J -199 to 1200 °C S -50 to 1760 °C T -199 to 400 °C R -50 to 1760 °C
Accuracy	Thermocouple Measurement: K, J, T, E ±(0.5 °C + 0.3 % of reading) at -100°C or above S, R ±(1.5 °C + 0.3 % of reading) at 100°C or above Individual sensor inaccuracies not included. Cold Junction Compensation: ±0.5°C in operating environment of 10 to 40 °C ±0.8°C in other operating environment
Measurement Resolution	K, J, T, E: 0.1°C S, R: Approx. 0.2°C
LCD Display Items	Measurements (fixed or alternating display), Battery Warning Mark, etc.
Logging Capacity	8,000 data sets (One data set consists of readings for all channels in that type of unit.)
Recording Interval	Select from 15 choices: 1, 2, 5, 10, 15, 20, 30 sec. or 1, 2, 5, 10, 15, 20, 30, 60 min.
Recording Mode	Endless (Overwrite oldest data when capacity is full) One Time (Stop recording when capacity is full)
Auto-upload Interval	Select from 15 choices: OFF (No auto-upload), 1, 2, 5, 10, 15, 20, 30 min. or 1, 2, 3, 4, 6, 12, 24 hrs.
Communication Interfaces	TR-75wf: Wireless LAN Communication Standard: IEEE 802.11b/g/n Security *1 : WEP (64bit/128bit), WPA-PSK (TKIP), WPA2-PSK (AES) WPS 2.0 : Push Button Configuration Protocol: HTTP *2 , DHCP, DNS TR-75nw: Wired LAN Communication 100BASE-TX/10BASE-T (RJ45 Connector) Protocol: HTTP *2 , DHCP, DNS USB Communication USB 2.0 (Mini-B connector)
Power *3	Battery: AA Alkaline x 2 (AA Ni-MH batteries may also be used) External: USB Bus (5V 200mA), AC Adaptor (AD-05A2 or AD-05C2), PoE IEEE 802.3af (TR-75nw only)
Battery Life *4	With LAN communication: Approx. 10 days to 1year (Ex: Approx. 10 days when Auto-upload Interval is 1 min, 7 mos when 1 hr, 1yr when 12 hrs or more) Without LAN communication: Approx. 1 year
Dimensions	H 58 mm x W 78 mm x D 26 mm
Weight	Approx. 55 g
Operating Environment	Temperature -10 to 60 °C *5 Humidity 90 %RH or less (no condensation)
Accessories	AA Alkaline Battery (LR6) x 2, Registration Code Label, USB Mini-B Cable (US-15C), Manual Set (Warranty Included)
Software Compatible OS *6	TR-7wf/nw for Windows / T&D Graph (For PC) Microsoft Windows 8 32 / 64 bit Microsoft Windows 7 32 / 64 bit Microsoft Windows Vista 32 bit (SP1 or later) T&D Thermo (For Mobile Devices) Android OS, iOS (For the compatible versions, please refer to our website.)
Display Languages *7	English

*1: The WPS feature is not available when WEP (64bit/128bit) or WPA-PSK (TKIP) is selected in Access Point Settings. If you wish to use the WPS feature, please select WPA2-PSK (AES) or disable wireless security.

*2: HTTP client. Proxy supported.

*3: When using external power, the internal temperature of the logger rises.

*4: Battery life varies depending upon multiple factors including frequency of communication, LAN environment, ambient temperature, recording interval, and battery performance. All estimates are based on operations carried out with a new battery and are in no way a guarantee of actual battery life.

*5: -10 to 45°C when using external power (TR-75nw only).

*6: For installation, it is necessary to have Administrator (Computer Administrator) rights.

*7: We recommend using an operating system in the same language as the display language. Operation in different languages is not guaranteed.

The specifications listed above are subject to change without notice.