for Food Safety···

RTR-602 Wireless Core Temperature Data Logger

- Oilproof
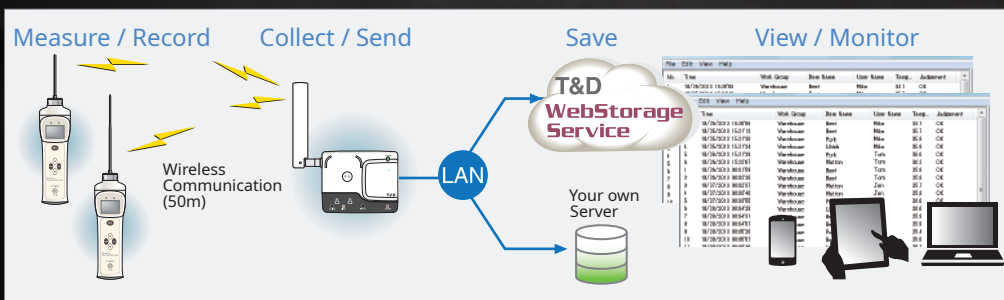- Waterproof
- Simple Operation
- Non-Contact Charging

Thermo Recorder

11/0108:01Mike
60.2 °F
Group 1
Cat1et   CT0002

REC
MENU   ENT
Wireless
Thermo Recorder
RTR-602
T&D

- One press of a button logs all your measurement data: temperature, time, user, item, and alarm.
- Totally sealed design ensures no oil or water corrosion.
- Free software makes registration and setup a snap.

Auto upload logged data to our cloud service or your own server for easy viewing from mobile devices and PCs

Measure / Record   Collect / Send   Save   View / Monitor

Wireless
Communication
(50m)

LAN

T&D
WebStorage
Service

Your own
Server

Product Lineup

① RTR-602S (Short Sensor)

② RTR-602L (Long Sensor)

③ RTR-602ES (Cable Type Short Sensor)

④ RTR-602EL (Cable Type Long Sensor)

Each sensor type has a different tip shape: the long type sensor has a round tip; and the short type sensor has a sharp tip (for piercing target object).

Battery Charge Dock

RTR-600BD (required)
Battery Charger with USB Communication
Accessories:
 AC Adaptor AD-05A3
 USB Mini-B Cable US-15C
 Wall Mount Screw x 3
 User's Manual Set (Warranty Included)

Compatible Base Units / Repeaters

RTR500BW
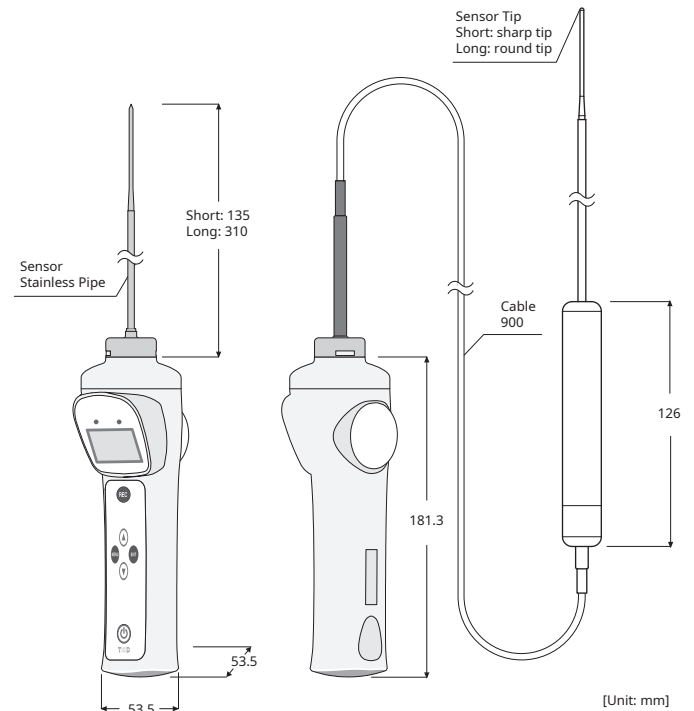Base Unit (required)

RTR500BC
Repeater (optional)

■ Distributor

RTR-602 Specifications

Measurement Channels	Temperature 1ch
Sensor	Platinum Resistance (Pt1000)
Measurement Units	°C, °F
Measurement Range	–60 to 250 °C
Accuracy	±0.5 °C at –10 to 150 °C ±1.0 °C at –60 to –10°C, 150 to 250 °C
Measurement Resolution	0.1°C

Responsiveness	Thermal Time Constant:
	  Approx. 12 sec. (in air) / Approx. 2 sec. (in agitated water)
	Response Time (90%):
	  Approx. 60 sec. (in air) / Approx. 3 sec. (in agitated water)

Measurement / Display Interval	0.5 sec.
Recording Items	Temperature, Measurement Time, User, Item, Judgement Result
Logging Capacity	1,800 readings
Recording Mode	Endless (Overwrite oldest data when capacity is full)
LCD Display Items	Temperature, Current Date / Time, User, Item, Battery Level, etc.

Communication Interfaces	Short Range Wireless Communication
	  Frequency Range: 902 to 928MHz
	  RF Power: 7mW
	  Transmission Range: About 50 meters (if unobstructed and direct)
	Optical Communication

Power	Two included AAA Ni-MH batteries (Non-Contact Charging System) (*1)
Battery Life	Approx. 24 hours (for Continuous Operation with Backlight Always ON)
Dimensions	H 181.3 mm × W 53.5 mm × D 53.5 mm (excluding sensor) Sensor Length: Short type 135 mm, Long type 310 mm Cable Length: 900 mm
Weight	RTR-602S (Short Sensor) Approx. 200 g RTR-602L (Long Sensor) Approx. 210 g RTR-602ES (Cable Type Short Sensor) Approx. 250 g RTR-602EL (Cable Type Long Sensor) Approx. 260 g
Operating Environment	–10 to 60 °C
Waterproof Capacity	IP68: Submersible
Accessories	Manual Set (Warranty Included)
Software (*2)	Base Unit/Repeater Settings: RTR500BW for Windows Remote Unit Settings: RTR-600 Settings Utility
Compatible Base Units / Repeaters	Base Units: RTR500BW / 500BC (*3), RTR–500NW / 500AW / 500 (*3) Repeaters : RTR500BC, RTR-500

*1: A Battery Charge Dock (RTR-600BD) needs to be purchased separately.
*2: Software can be downloaded free of charge from T&D Website.
*3: Customers wishing to use RTR500BC or RTR–500 as a Base Unit, please contact your local distributor for the communications protocol specifications to write your own software.
The specifications listed above are subject to change without notice.

Appearance and Dimensions

Sensor Tip
Short: sharp tip
Long: round tip

Short: 135
Long: 310

Sensor
Stainless Pipe

Cable
900

126

181.3

53.5

53.5

[Unit: mm]

T&D Corporation

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