

# Radiance Instruments Ltd.

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## PRODUCT SPECIFICATION

Product number: [TMW012BT](#) Product name: DishTemp Blue  
version: [V1.0](#)



### Product specification:

- 1) IP66 water resistance, Dishwasher safe.
- 2) °C / °F exchange.
- 3) Maximum temperature display.
- 4) Bluetooth reading data.


### SPECIFICATION:

Measuring range	-58 ~ 220 °F / -50 ~ 104°C
Temperature accuracy	±0.9°F/0.5°C 32 ~ 212 °F / 0 ~ 100°C ±1.8°F/1°C other range
Display resolution	0.1°
Temperature reading update	1 second
Wireless distance	About 95 feet (29 meters) (it depends the smart phone, open field)
Battery	3 volt battery, type CR2032 or equivalent
Battery life	About 40 hours
Display size	45(W) X 26.5(H) mm
Product size	127 (∅) x 14(D) mm
Working temperature	32 ~ 194 °F/0 ~ 90 °C


### OPERATION:

1. Unpack the unit.
2. Press [  ] button to turn on the unit. Press and hold the button for 3 seconds then release to turn off the unit.
3. If no use for long time, press [  ] button to turn off the unit for saving battery life.

### Select temperature unit

Press [  ] and hold for 5 seconds to turn on the unit and change temperature unit.

### Reset

Press [  ] and hold for greater than 15 seconds then release to reset the unit.

### Temperature measurement

1. Place the unit into the dishwasher. Insure the steel probe touch the water well. After finished washing, the unit can be recorded the maximum temperature and display.
2. Reset the maximum memory before use. Switch the unit off and turn on to reset the memory.


### APP function

Can be used APP RDTTool to reading the current temperature and maximum temperature, reading the data record, control the unit ON-OFF.

### NOTE:

1. Clean the unit after used.
2. Do not expose thermometer to temperatures over 194°F/90°C or use in ovens, otherwise incorrect readings or damage to the thermometer may result.
3. Make sure tightening up the screws after battery replacement otherwise it may affect the water resistant function.

### ERROR SYMBOLS:

Symbol	Description	Action required
	Low battery voltage	Replace the battery with the same type
LLL.L	1) Sensor open circuit 2) The reading is out of low range (-58°F)	1) Return the thermometer for repair 2) Keep the measurement above low range
HHH.H	1) Sensor short circuit 2) The reading is out of high range (220°F)	1) Return the thermometer for repair 2) Keep the measurement below high range

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or Modifications not expressly approved by the party responsible could void the user's authority to operate this device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement.

This device complies with Industry Canada Licence-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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