

WINLAND Temp-B-T Buffer Tube Owner's Manual

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Owner's Manual

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Buffer Tube (Temp-B-T)



The Product Contains:

- 1 White Cap w/Bonded Septa (Grommet)
- 1 40mL Glass Tube
- 1 Double Sided Tape
- 1 Product Guide

Note:

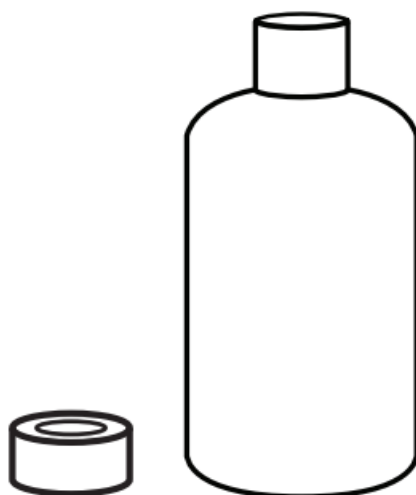
TEMP-B-T, sensors, and glycerin are sold separately

Accepted Sensors:

- TEMP-L-S
- TEMP-L-W
- TEMP-H-S
- TEMP-H-W
- TEMP-UL-S
- EAPro-ULS

Specifications:

Operating Temperature	-47.2 to +77 °F (-44 to +25 °C)
Dimensions	4.0" x 1.0" (10.16cm x 2.54cm)
Weight	3.6oz (102g)

Glycerin Bottle (Temp-G-B)**The Product Contains:**

- 1 White Cap w/Bonded Septa (Grommet)
- 1 Bottle of Glycerin 6fl oz (177mL)
- 1 Product Guide

Note:

TEMP-G-B and sensors are sold separately

Accepted Sensors:

- TEMP-L-S
- TEMP-L-W
- TEMP-H-S
- TEMP-H-W
- TEMP-UL-S
- EAPro-ULS

Specifications:

Operating Temperature	-47.2 to +77 °F (-44 to +25 °C)
Dimensions	4.56" x 2.13" (11.58cm x 5.41cm)
Weight	6.0fl oz (170.1g)

Introduction:

Glycerin can be used to buer a sensor reading so that its rate of change becomes slower in contrast with the faster-reacting reading of air temperature. This will help to prevent nuisance alarms and will more closely represent the temperature of a stored product of similar mass.

Mixing Instructions: (Required for temperature below freezing)

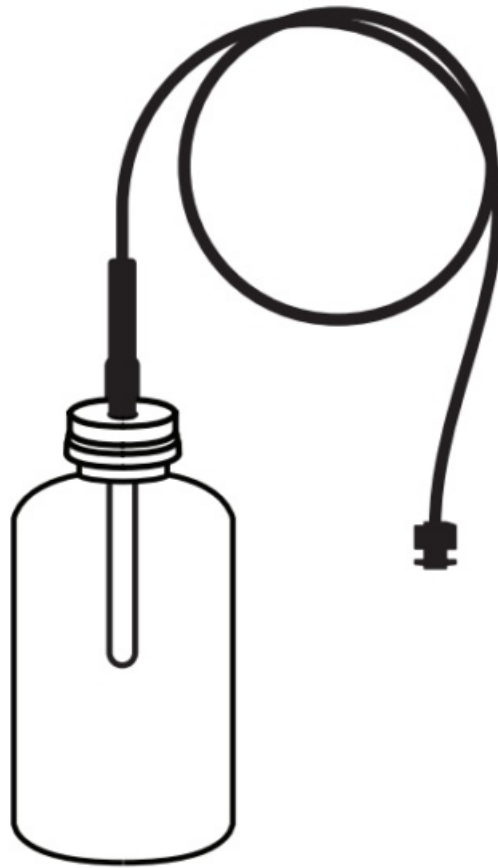
To monitor temperature below freezing (32 °F, 0 °C) glycerin must be mixed with water; max limit of -47.2 °F, -44 °C. A mixture of 55% glycerin with 45% water, by volume, will accomplish this.

Installation Instructions:

Figure 1:

Using bottle of glycerin as sensor.

Sensor sold separately.

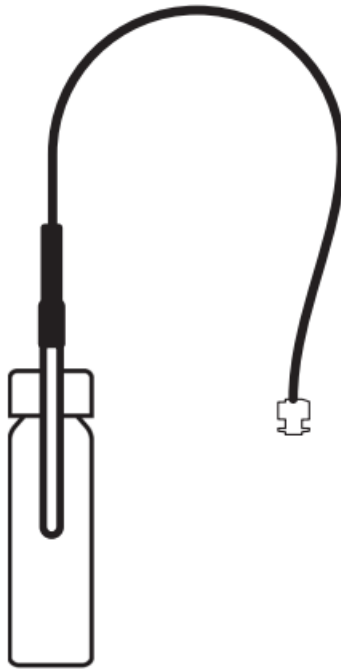


TEMP-G-B:

1. Mix solution (if required).
2. Replace plastic cap with the included white cap w/bonded septa (grommet) cap.
3. Insert the sensor (Pro TEMP-UL-S, TEMP-L-S, TEMP-L-W, TEMP-H-S or TEMP-H-W) through the hole in the cap and into the bottle until it reaches the sensor's white/black heat shrink tubing. Only the stainless-steel portion/tip of the sensor should be inside the bottle. (Figure 1)
4. Place the bottle with the cap up securely in environment to avoid accidental tipping.
5. Allow enough time for the temperature to stabilize. This may take several hours depending on the storage temperature.

Figure 2:

Using glycerin filled tube as buffer with TEMP-L-S sensor.
Sensor sold separately.



TEMP-B-T:

1. Mix solution (if required).
2. Fill tube to approximately 1/2" (12mm) from the top.
3. Replace the cap on the tube.
4. Insert the probe (EAPro-ULS, TEMP-UL-S, TEMP-L-S, TEMP-L-W, TEMP-H-S or TEMP-H-W) through the hole in the cap and into the bottle until it reaches the sensor's white/black heat shrink tubing. Only the stainless-steel portion of the sensor/tip should be inside the tube. (Figure 2)
5. Clean bottom of the tube. Remove covering from one side of the tape tab and secure to bottom of tube. Apply pressure to completely adhere.
6. Clean installation location surface. Removing covering from tape on bottom of tube. Apply pressure to completely adhere. (NOTE: this tape is rated to adhere in freezer applications).
7. Allow enough time for the temperature to stabilize. This may take several hours depending on storage temperature.

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Product returns will not be accepted unless a Return Material Authorization has been issued by Winland, which is subject to purchaser's identification of the purchase order number and product serial number.

UNAUTHORIZED RETURN SHIPMENT OR SHIPMENT CONTRARY TO WINLAND'S WRITTEN INSTRUCTIONS

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D-011-0171 REV E (01/2024)



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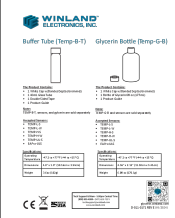


<http://glycerin.winland.com/>

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Documents / Resources

	<p>WINLAND Temp-B-T Buffer Tube [pdf] Owner's Manual Temp-B-T Buffer Tube, Temp-B-T, Buffer Tube, Tube</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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