

BD Digital Thermometer



L009941(03)
2022-04
English

REF 441333

DESCRIPTION AND INTENDED USE

The BD Digital Thermometer is specifically designed for use as a temperature measurement device with the following BD equipment:

- 440479 Warming/Priming Heater, BD ProbeTec™, 220V
- 440480 Warming/Priming Heater, BD ProbeTec™, 120V
- 440482 Lysing Heater, BD ProbeTec™, 220V
- 440483 Lysing Heater, BD ProbeTec™, 120V
- 440718 Lysing Heater, BD Viper™, 120V
- 440719 Lysing Heater, BD Viper™, 230V

The BD Digital Thermometer is also meant to be used as a replacement for the discontinued Catalog Number 441305 thermometer as well as the mercury thermometers currently used with these devices.

BEFORE YOU BEGIN

Before using the BD Digital Thermometer, inspect the package and contents for damage. If damage is apparent, contact your BD representative.

SAFETY INFORMATION

The metal part of the temperature probe will be hot when it is removed from the heat block well. Use caution when removing the temperature probe, and allow it to cool for at least 5 minutes before handling or touching the metal surface.

Dispose of all used reagents and any other contaminated disposable materials following procedures for infectious or potentially infectious waste. It is the responsibility of each laboratory to handle solid and liquid waste according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.

CALIBRATION

The BD Digital Thermometer comes with a calibration certificate traceable to National Institute of Standards and Technology (NIST). Calibration may be verified by a standard temperature bath.

THERMOMETER CONTROLS

The green on/off button is used to turn the thermometer on and off. When the thermometer is turned on, it is ready for use. The current temperature and a “C” symbol will be displayed.

The other buttons, HOLD (shown as a thermometer symbol), MIN/MAX (shown as a thermometer set point symbol), and C/F, are not used for temperature measurement of the heaters. If these buttons have been inadvertently pressed, (as indicated by icons ‘HOLD,’ ‘MIN,’ ‘MAX,’ or ‘F,’ on the display) turn the thermometer off and then back on to reset it to the proper configuration.

PREPARATION FOR USE

To prevent the thermometer electronics from possible damage from decontamination cleaning solutions, place the thermometer in one of the plastic, reclosable disposal bags supplied with the reagent kit. Close the bag so that the probe remains on the outside. The thermometer is now ready for use.

MEASURING TEMPERATURE

Turn the thermometer on by pressing the ON/OFF button. Insert the probe tip fully into the thermometer well of the heat block. Allow the temperature to equilibrate (no change in the temperature reading for a period of 1 minute). Depending on ambient conditions, this may take up to 10 minutes.

To facilitate workflow, measure temperatures in ascending order. Measure the warming block temperature first, then the priming block temperature, and then the lysing block temperature.

Turn the thermometer off when not in use to conserve battery usage.

GENERAL MAINTENANCE

Other than battery replacement, the unit requires no maintenance. When the battery needs replacement, a battery icon will appear on the display. The thermometer uses a standard 9 volt battery.

RETURN INFORMATION

Instruments that require service during the warranty period should be returned to BD for replacement or repair. Prior to returning any material to BD, contact the BD Technical Services Group at: 1.800.638.8663 (Option 2).

AVAILABILITY

Catalog Number	Description
441333	BD Digital Thermometer

Technical Service and Support: In the United States contact BD at 1.800.638.8663 or bd.com.

For regions outside of the United States, contact your local BD representative or bd.com.

Change History

Revision	Date	Change Summary
03	2022-04	Updated Revision number and date. Removed CE Mark. Added eIFU symbol with link below and Do Not Use if Package is Damaged symbol. Added Technical information statement. Added Safety disposal statement. Added the Symbols Glossary. Updated Manufacturer address and MFG. symbol. Removed EC REP address and EC REP symbol. Updated trademark and copyright statement. Added Australia and New Zealand sponsor addresses. Added the latest Symbols Glossary as per L006715(06). Added US Customers only: For Symbols Glossary, refer to bd.com/symbols-glossary above Symbols Glossary statement. Added Catalog Number 441333 as per insert template.

SYMBOLS GLOSSARY [L006715(06) 2021-08]

Some symbols listed below may not apply to this product.

US Customers only: For symbol glossary, refer to bd.com/symbols-glossary

Symbol	Meaning	Symbol	Meaning
	Manufacturer		Patient number
	Authorized representative in the European Community		This way up
	Authorized representative in Switzerland		Do not stack
	Date of manufacture		Single sterile barrier system
	Use-by date		Contains or presence of phthalate: combination of bis(2-ethylhexyl) phthalate (DEHP) and benzyl butyl phthalate (BBP)
	Batch code		Collect separately Indicates separate collection for waste of electrical and electronic equipment required.
	Catalogue number		CE marking; Signifies European technical conformity
	Serial number		Device for near-patient testing
	Sterile		Device for self-testing
	Sterilized using aseptic processing techniques		This only applies to US: "Caution: Federal Law restricts this device to sale by or on the order of a licensed practitioner."
	Sterilized using ethylene oxide		Country of manufacture "CC" shall be replaced by either the two letter or the three letter country code.
	Sterilized using irradiation		Collection time
	Sterilized using steam or dry heat		Cut
	Do not re-sterilize		Peel here
	Non-sterile		Collection date
	Do not use if package is damaged and consult <i>instructions for use</i>		Keep away from light
	Sterile fluid path		Hydrogen gas is generated
	Sterile fluid path (ethylene oxide)		Perforation
	Sterile fluid path (irradiation)		Start panel sequence number
	Fragile, handle with care		End panel sequence number
	Keep away from sunlight		Internal sequence number
	Keep dry		Medical device
	Lower limit of temperature		Contains hazardous substances
	Upper limit of temperature		Ukrainian conformity mark
	Temperature limit		Meets FCC requirements per 21 CFR Part 15
	Humidity limitation		UL product certification for US and Canada
	Biological risks		Unique device identifier
	Do not re-use		
	Consult <i>instructions for use</i> or consult electronic <i>instructions for use</i>		
	Caution		
	Contains or presence of natural rubber latex		
	In vitro diagnostic medical device		
	Negative control		
	Positive control		
	Contains sufficient for <n> tests		
	For IVD performance evaluation only		
	Non-pyrogenic		



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