

**Milwaukee**<sup>®</sup>

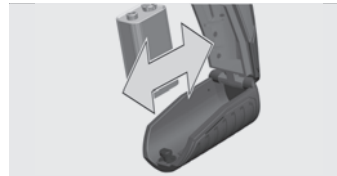
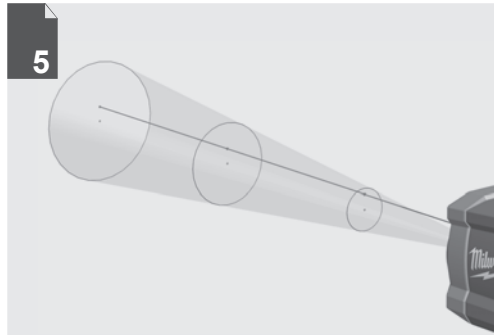
Nothing but **HEAVY DUTY**.<sup>®</sup>



**2267-40**

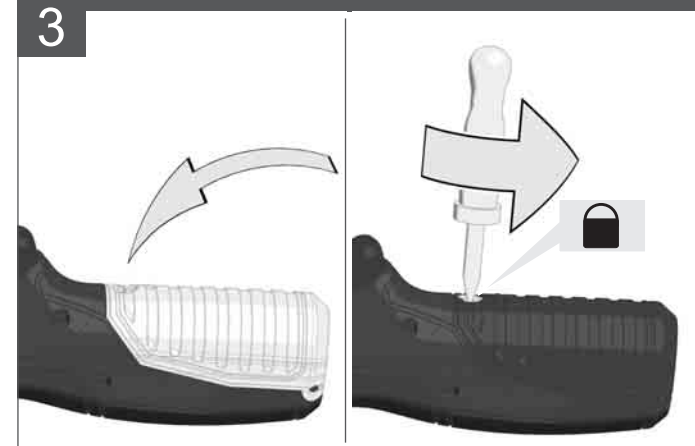
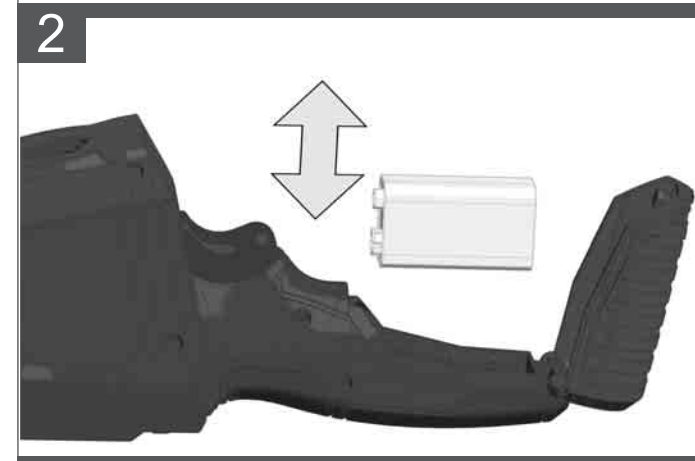
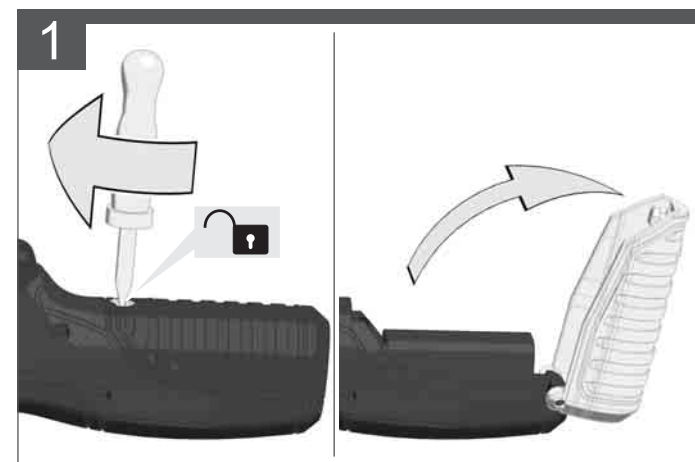
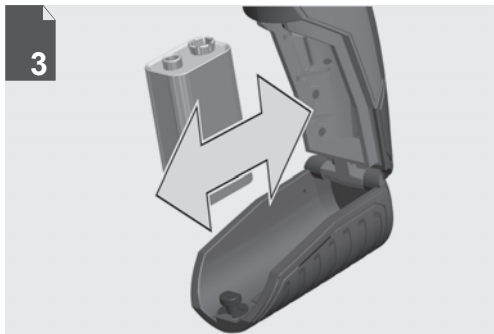
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Original instructions



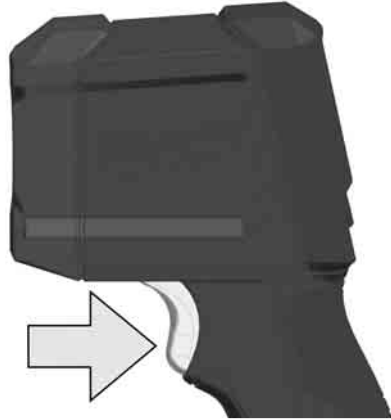
Remove the battery pack before starting any work on the machine.

5 Description of Buttons, Basic Settings, Operation Important Informations and Notes

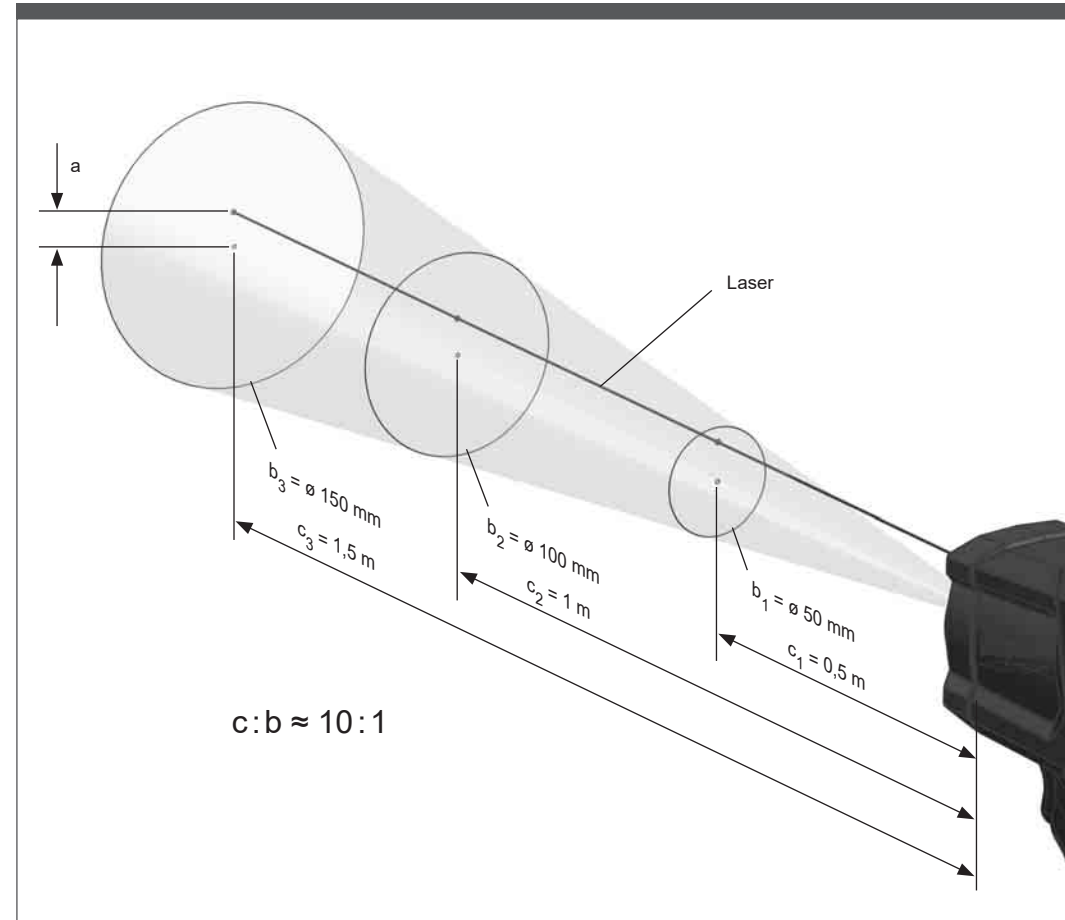
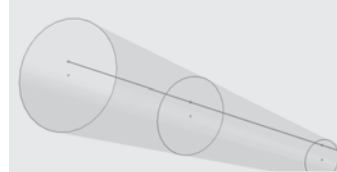




ON



OFF



a - Distance laser point to center of spot temperature area (19 mm)  
 b - Temperature area  
 c - Distance Laser Thermometer to measure point  
 The rate between distance Laser Thermometer and measure point is approx. 10:1.

**TECHNICAL DATA LASER THERMOMETER 2267-40**

Laser class .....	2
Max. Power.....	<1 mW
Wavelength.....	630-670 nm
IR Temperature range.....	-30°C to 400 °C
IR Accuracy	
-30°C to -18°C .....	±2 °C +0.1/1 °C
-18°C to 0°C .....	±2.5 °C
0°C to 400°C.....	±2 °C or 2% of reading, whichever is greater
Assume ambient operating temperature of 23°C ±2°C	
Min. measuring distance.....	50 mm < 50 °C, 100 mm > 50 °C
Temperature display resolution .....	0.1 °C in Primary and Secondary
Emissivity.....	0.95
Response time.....	<500 msec
Spectral response.....	8 to 14 μm
Distance to spot.....	10 to 1
Repeatability.....	±0.8 % or ±1°C(whichever is greater)
Operating temperature .....	0°C to 50 °C
Storage temperature.....	-20°C to 60 °C w/o battery
Relative humidity: .....	10 to 85 % RH non-condensing at 25°C ambient, decreasing linearly to 10 to 45% at 50 °C
Voltage Battery .....	9 V
Battery life .....	> 12 h with all functions
Weight according EPTA-Procedure 01/2014 .....	290 g

**WARNING! Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.**

**SAFETY INSTRUCTIONS**



**CAUTION! WARNING! DANGER!** Do not use the product before you have studied the safety instructions and the user manual.

**Laser Classification**



**WARNING:** It is a Class 2 laser product in accordance with EN60825-1:2014 .



CONSUMER LASER PRODUCT EN 50689:2021

Do not stare into beam. Do not point laser light at other persons.

Do not view directly into beam with optical instruments (binocular, telescope).

Do not point laser at reflective surfaces.

Avoid exposure to laser radiation. Laser may emit hazardous radiation.

Avoid dangerous environments. Do not use in rain, snow, damp or wet locations. Do not use in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing battery pack, possibly causing fire.

This tool is designed to be powered by 9 V battery properly inserted into the Instrument. Do not attempt to use with any other voltage or power supply.

Do not leave batteries within the reach of children.

Do not mix new and used batteries. Do not mix brands (or types within brands) of batteries.

Do not mix rechargeable and non-recharge-able batteries.

Install batteries according to polarity (+ / -) diagrams.

Properly dispose of used batteries immediately.

Battery acid may leak from damaged batteries under extreme load or extreme temperatures. In case of contact with battery acid wash it off immediately with soap and water. In case of eye contact rinse thoroughly for at least 10 minutes and immediately seek medical attention.

This appliance is not intended to be used or cleaned by persons with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been given instructions concerning the safe use of the appliance by a person legally responsible for their safety. They should be supervised whilst using the appliance. Children shall not use, clean or play with this appliance, which when not in use should be secured out of their reach.

**Warning!** To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your

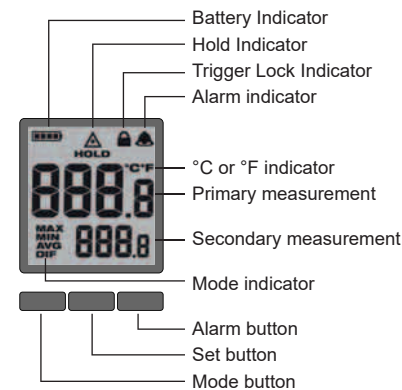
tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit.

**SPECIFIED CONDITIONS OF USE**

The Laser Thermometer can be used for non-contact temperature measurement.

Do not use this product in any other way as stated for normal use.

**DISPLAY**



**SELECTING CELSIUS OR FAHRENHEIT**

To set the temperature scale, pull the trigger and then press the SET button three times. Press the buttons above the up and down arrows to toggle between °C and °F. Wait 5 seconds for the setting to save and exit.

**SETTING THE LASER LOCK**

To turn the laser on and off, pull the trigger and then press the SET button four times. Press the buttons above the up and down arrows to toggle between ON and OFF. Wait 5 seconds for the setting to save and exit.

**OPERATION**

**Scanning Object IR Temperature**

1. Pull and hold the trigger for at least 2 seconds and scan the surface temperature of an object. A laser pointer indicates the center of the circular area being scanned.

NOTE: The object should be larger than the spot being scanned. If not, readings will be affected. See Distance To Spot for necessary object size.

2. As you continue to hold the trigger, the icon is displayed along with the surface temperature (primary measurement) and maximum temperature (secondary measurement) readings.

3. Release the trigger. HOLD is displayed until the screen shuts off in about seven seconds.



NOTE: A quick change in temperature (>10°C) affects the meter's readings. Allow the meter to reach ambient temperature before use (5 to 30 minutes, depending on temperature change).

**Temperature Alarm**

Press the ALARM button to turn on the alarm function. The bell icon is displayed. If the temperature reading is outside the preset range, the temperature reading will flash.



**Setting Preset Range for the Alarm**

1. To set the alarm range, pull the trigger and then press the SET button. Repeat to toggle between HI and LO settings.



2. Press the up or down arrow soft keys to toggle between temperatures. Wait 5 seconds for the ranges to save and exit.



**Low Battery**

When the Low Battery icon is displayed, change the batteries.



**MODE INDICATOR**

MAX	Displays maximum temperature measured during a continuous reading
MIN	Displays minimum temperature measured during a continuous reading
AVG	Displays average temperature of last 20 measurements during a continuous reading
DIF	Displays the difference between MAX and MIN during a continuous reading

**MAINTENANCE**

Clean the laser windows with a soft, moist cloth to keep them clean and clear. Remove battery before cleaning.

**Warning!**

To reduce the risk of personal injury and damage, never immerse your tool in liquid or allow a liquid to flow inside it.

Clean dust and debris from tool. Keep tool handles clean, dry and free of oil or grease. Use only mild soap and a damp cloth to clean the tool since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Never use flammable or combustible solvents around tools

Use only Milwaukee accessories and Milwaukee spare parts. Should components need to be replaced which have

not been described, please contact one of our Milwaukee service agents (see our list of guarantee/service addresses).

If needed, an exploded view of the tool can be ordered. Please state the Article No. as well as the machine type printed on the label and order the drawing at your local service agents or directly at: Techtronic Industries GmbH, Max-Eyth-Straße 10, 71364 Winnenden, Germany.



EurAsian Conformity Mark

## SYMBOLS

	CAUTION! WARNING! DANGER!
	Please read the instructions carefully before starting the machine.
	Do not stare into beam.
 LASER 2	This product corresponds to the laser class 2 in accordance with IEC60825-1.
	This tool is only suitable for indoor use. Never expose tool to rain.
	Do not dispose of waste batteries, waste electrical and electronic equipment as unsorted municipal waste. Waste batteries and waste electrical and electronic equipment must be collected separately. Waste batteries, waste accumulators and light sources have to be removed from equipment. Check with your local authority or retailer for recycling advice and collection point. According to local regulations retailers may have an obligation to take back waste batteries and Waste electrical and electronic equipment free of charge. Your contribution to re-use and recycling of waste batteries and waste electrical and electronic equipment helps to reduce the demand of raw materials. Waste batteries, in particular containing lithium and waste Electrical and electronic equipment contain valuable, recyclable materials, which can adversely impact the environment and the human health, if not disposed of in an environmentally compatible manner. Delete personal data from waste equipment, if any.
	European Conformity Mark
	British Conformity Mark
 001	Ukraine Conformity Mark



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