



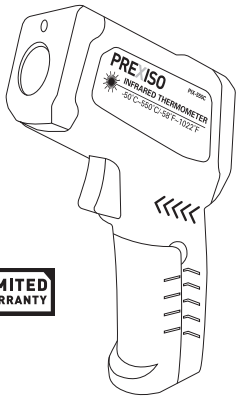
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PREXISO

- EN USER MANUAL
- DE BENUTZERHANDBUCH
- FR MANUEL UTILISATEUR
- IT MANUALE UTENTE
- ES MANUAL DE USUARIO
- NL HANDLEIDING
- TR KULLANIM KILAVUZU
- DK BRUGERMANUAL
- FI OHJEKIRJA
- NO BRUKERMANUAL
- PL INSTRUKCJA OBSŁUGI
- SV ANVÄNDARMANUAL

2 YEARS LIMITED WARRANTY

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PIX-550C

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IMPORTANT: Read before Using EN

The safety instructions and the user manual should be read through carefully before the product is used for the first time. The person responsible for the product must ensure that all users understand these directions and adhere to them.

CAUTION:
Use of controls or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure



- Do not attempt to modify the performance of this laser instrument in any way. This may result in a dangerous exposure to laser radiation.
- Do not attempt to repair or disassemble the laser-measuring tool. If unqualified persons attempt to repair this product, serious injury may occur. Any repair required on this laser product should be performed only by qualified service personnel.
- Do not stare into the laser beam or direct it towards other people unnecessarily.
- Don't dazzle other individuals.
- Looking directly into the beam with optical aids can be hazardous.
- Do not operate the product in explosion hazardous areas or in aggressive environments.
- Keep extremities in a safe distance from the moving parts.
- Watch out for erroneous measurements if the product is defective or if it has been dropped or has been misused or modified.
- Carry out periodic test measurements. Particularly before, during and after important measurements.
- The product and batteries must not be disposed of with household waste.

- Infrared thermometer should be protected for the following:
 - EMF (electromagnetic fields) from arc welders, induction heaters.
 - Thermal shock (cause by large or abrupt ambient temperature changes allow 1 hour for unit to stabilize before use).
 - Do not leave the unit on or near objects of high temperature.

- SAFETY INSTRUCTION:**
- Keep the instrument dry.
 - Keep the instrument and battery out of reach of infants and children.
 - When the symbol "" appears, the batteries are low and should be replaced. Ensure that battery polarity connections are correct when replacing batteries. If you are not using the instrument for a long time, remove the battery. If you are not using the instrument for a long time, remove the battery.

- PROHIBITED USE**
- Using the product without instruction
 - Using outside the stated limits
 - Deactivation of safety systems and removal of explanatory and hazard labels
 - Opening of the equipment by using tools (screwdrivers, etc.)
 - Carrying out modification or conversion of the product
 - Use of accessories from other manufacturers without express approval
 - Aiming directly in the sun

CAUTION
Never attempt to repair the product yourself. In case of damage, contact a local dealer.

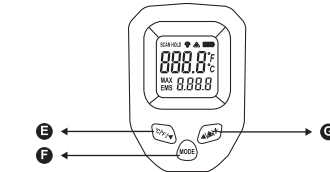
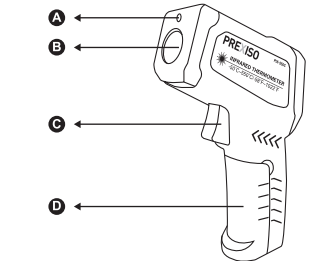
LIMITS OF USE
 Refer to section "Technical data", the device is designed for using in areas which is habitable for humans. Do not use the product in explosion hazardous areas or in aggressive environments.

AREAS OF RESPONSIBILITY RESPONSIBILITIES OF THE PERSON IN CHARGE OF THE INSTRUMENT:

- To understand the safety instructions on the product and the instructions in the User Manual.
- To be familiar with local safety regulations relating to accident prevention.
- Always prevent access to the product by unauthorized personnel.

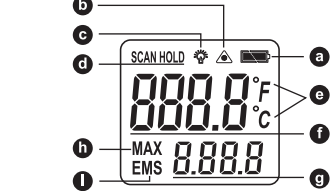
FUNCTION
This infrared thermometer is ideal for detecting the object surface temperature that is hard to be close to as well as for hazardous applications such as moving machine parts or live electrical installations.

PRODUCT OVERVIEW



- A. Laser beam output
- B. Temperature detecting port
- C. Measurement trigger
- D. Battery compartment
- E. °C/°F/Down button
- F. Function button
- G. Laser/Backlight/Up button

DISPLAY

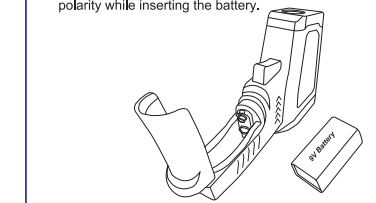


- a. Low battery symbol
- b. Laser signal
- c. Backlight sign
- d. Keep scanning
- e. °C/°F Symbol
- f. Current temperature
- g. MAX temperature in measuring
- h. MAX temperature sign
- i. Adjustable emissivity sign

OPERATION INSTRUCTIONS

1. INSERT THE BATTERY

Open battery compartment and insert a 9V battery according to the installation symbols. Pay attention to the polarity while inserting the battery.



CAUTION It is necessary to replace new batteries, when left corner of LCD display show ""

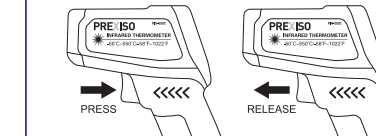
2. SWITCHING ON/OFF

Press the trigger to turn on the instrument and it will beep up and ready to work. The instrument will turn off automatically if there is no operation in 15 seconds.

3. TEMPERATURE MEASURING / MEASURED VALUE HOLDING

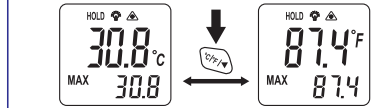
Aim the thermometer at the object and press the trigger, the measured value will be displayed on the LCD. Release the trigger and the last measured value will be held in the LCD until the instrument turns off.

CAUTION Press and hold the trigger, the measured value will be continuous.



4. TEMPERATURE UNIT SWITCH

Press to switch temperature unit between °C and °F



5. LASER BEAM ON/OFF

Press to turn on the laser beam, and press it again to turn it off.

6. BACKLIGHT ON/OFF

Hold the trigger and press the button to switch the light on/off

7. MAX FUNCTION

Press to select MAX/AVG/MIN
MAX MODE: The MAX display determines the maximum measured value during the continuous measurement (keep trigger button pressed). As soon as you release the trigger button and press it again to start a new measurement, the MAX value will be reset and the instrument will start the process of recording the maximum measured value again.



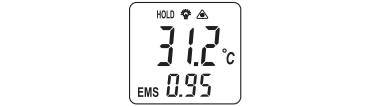
AVG MODE: The AVG display determines the average measured value during the continuous measurement (keep trigger button pressed). As soon as you release the trigger button and press it again to start a new measurement, the AVG value will be reset and the instrument will start the process of recording the average measured value again.

8. HIGH/LOW TEMPERATURE ALARM

The built-in sensor head detects the infrared rays specific to the material/surface emitted by each object. These emission levels depend on the emissivity of the material (0.01 to 1.00). After being turned on for the first time, the device has a preset emissivity of 0.95, which is suitable for most organic materials as well as plastics, ceramics, wood, rubber and stone.

9. EMISSIVITY SETTING

Press to set the emissivity.
Press to increase the emissivity while pressing to decrease it.
Press again to confirm the emissivity.



Note: For material with different emissivity, please refer to the table below.

Applicable Emissivity for Different Material (For reference only)

Material	Feature	Emissivity	Material	Feature	Emissivity
Aluminium	Oxidized	0.20-0.40	Human skin	Oxidized	0.98
	Polished	0.02-0.04	Graphite	Oxidized	0.20-0.60
Brass	Oxidized	0.40-0.80	Plastic	Transparency>0.5mm	0.95
	Polished	0.02-0.05	Rubber		0.95
Gold		0.01-0.10	Plastic cement		0.85-0.95
Iron	Oxidized	0.60-0.90	Concrete		0.95
Steel	Oxidized	0.70-0.90	Cement		0.96
Asbestos		0.95	Soil		0.90-0.98
Plaster		0.80-0.90	Mortar		0.89-0.91
Asphalt		0.95	Brick		0.90-0.96
Rock		0.70	Marble		0.94
Wood		0.90-0.95	Textile	All kinds	0.90
Charcoal	Powdered	0.96	Paper	With color	0.95
Carbon		0.85	Sand		0.90
Lacqueredwork	Lackluster	0.97	Clay		0.92-0.96
Carbon Cement		0.97	Gravel		0.95
Soap Bubble		0.75-0.80	Glass	Tableware	0.85-0.92
Water		0.93	Textile		0.95
Snow		0.83-0.90	Heated food		0.95
Ice		0.96-0.98	Plastic		0.95
Frozen Foods		0.95	Oil		0.94
Ceramics		0.95	Steel and iron		0.80
Limestone		0.98	Wood	Natural	0.94
Paint		0.93	Lead	Oxidized	0.50

TECHNICAL SPECIFICATION

Temperature range	-50°C ~ 550°C (-58°F ~ 1022°F)
Accuracy	±2% (≥100°C) ±2°C (<100°C)
distance spot ratio	12 : 1
Emissivity	0.01~1.00 adjustable
Operating temperature	0~40°C (50~104°F)
Storage temperature	-20~50°C (-4~122°F)
Response time	0.5 second
Dimensions (W x H x D)	41 x 156 x 103.5 mm
Power supply	1 x 9V battery
Laser type	Laser class 2, <1mW
Weight	130g

DISPOSAL

CAUTION

The battery must not be disposed with household waste. Care for the environment and take them to the collection points provided in accordance with national or local regulations. The product must not be disposed with household waste. Dispose of the product appropriately in accordance with the national regulations in force in your country. Adhere to the national and country specific regulations. Product specific treatment and waste management can be downloaded from our homepage.

WARRANTY

The Instrument PIX-550C has a two-year warranty. For further information on this, contact your dealer. This warranty is void if product is used for commercial purposes. This warranty is not transferable and does not cover products damaged by misuse, neglect, accident, alterations or use and maintenance other than that specified in the owner's manual. This warranty does not apply to any expendable parts that can wear from normal use. This warranty excludes any accessories.

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