BURG WÄCHTER

profi scale

ENERGY

-20°C
–
+330°C
C/F

5 m
1 m
precision
5:1

precision
±2%

ProfiScale ENERGY
Temperature gun

en **Operating instructions**

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profi
scale
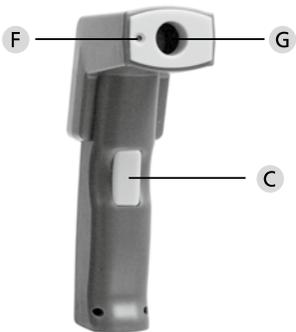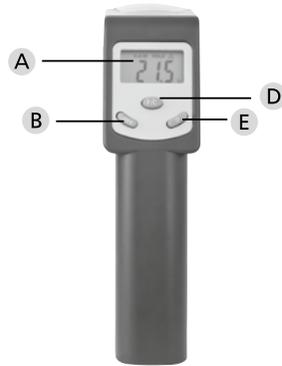
Introduction

Der Temperaturmesser ENERGY PS 7420 ist handlich und einfach zu benutzen. Ein integrierter Laser Pointer erleichtert Ihnen das exakte und schnelle Auffinden des Messbereiches. Der angezeigte Messwert bleibt für ca. 5 Sek. auf dem Display ablesbar. Auch bei Dunkelheit lässt sich das beleuchtete Display gut ablesen.

Safety instructions

Failure to observe the following instructions may result in personal injury:

1. Before using the device, you must read these instructions carefully to ensure that you operate the device safely. Keep these instructions in a safe place.
2. The warning label(s) on the device must never be obscured or removed from the device.

Caution – Laser radiation
Do not stare into beam

EN 60825-1:1994 + A1:2002 + A2:2001
Pmax< 1 mW; λ = 650 nm

3. Before using the device for the first time, apply the warning labels provided in your national language.
4. Never point the laser beam at the eyes of other persons or animals. Never look into the light beam yourself and do not use optical devices to focus the laser light. To do so may damage your eyes.
5. Do not allow children to operate the laser measuring tool. They may inadvertently injure themselves or others.
6. The device is not suitable for measuring the temperature of humans or animals.
7. For safety reasons and to maintain the warranty on the device, repairs must only be carried out by qualified personnel using genuine parts.
8. When not in use, the device should be stored in the bag supplied. Avoid contact with water and dust.
9. Remove the battery if you are not going to use the device for a long period.

Warning

1. Shiny surfaces can distort the reading.
2. Readings cannot be taken through glass and plastic.
3. Smoke, steam or vapours can distort the reading.
4. Avoid exposing the device to strong vibration.

Illustration

A Display
B Laser button
C Measurement switch
D Celsius/Fahrenheit selector
E Display light
F Laser beam output
G Infrared sensor output

Operating the device

1. To measure the temperature of an object, point the device at it.
2. Press the "Laser" button to aim at the precise target area.
3. Now press the measurement switch.
4. The temperature of the object appears on the display.

Warranty

Congratulations!
Thank you for choosing ProfiScale quality measuring technology by BURG-WÄCHTER. BURG-WÄCHTER offers a warranty of 2 years' duration from the date of purchase. The warranty does not cover damage caused by improper use, overloading the device or incorrect storage as well as normal wear and defects that only have an insignificant effect on the value or usability of the device. The warranty shall be immediately invalidated if unauthorized persons work on the device. In the event that a warranty claim arises, please hand over the entire device incl. packaging, description and batteries along with the sales receipt to your dealer.

Technical data

Measurement range	-20°C to 330°C (0°F to 626°F)
Accuracy	± 2 %
Response time	≤ 1 sec.
Working environment	0°C to 50°C
Power supply	9V compound (e. g. 6LR61)
Distance to spot size ratio	5:1

Disposal of the tool

Dear customer,
please help us to reduce waste. Should you ever intend to dispose of this tool, please bear in mind that many components of the tool contain precious materials, which can be recycled.

Please be aware that electrical and electronic equipment and batteries shall not be disposed of as household waste, but rather collected separately. Please obtain information on the collecting points for electrical waste from the responsible authority of you municipality.

CE

If you have any questions concerning the EC declaration of conformity, please use info@burg.biz

EXTRA

+ + 9V