

We measure it.

testo

The right way to measure.

Important tips on the operation and maintenance of the testo 104-IR

Preparation

Laser warning



Do not look directly into the laser. This can cause blindness.

Measuring methods



Measure without contact or with the contact probe.

Distance



Do not measure from distances > 1 m with the infrared system

Measuring range



The two laser spots show the exact limits of the measurement area. Ensure both laser spots are positioned on the measurement object.

Penetration measurement



For penetration measurement, insert minimum 3 cm.



IR measurement

Positioning



Point the infrared side of the measuring instrument at the object to be measured and switch on with the [A] button.

Measurement



Press and hold the [A] button, and continue pointing the laser at the measurement object (2 secs. sufficient).

Evaluation



Release button:

- Measurement result is frozen [Hold]. Switch through measurement values of last measurement with [Hold/Min/Max] button.

Tip: If the IR temperature measured exceeds the limit value, a penetration measurement must be carried out in order to determine the core temperature.

Penetration measurement

Switching on



Penetration mode: Fold out probe or press the [V] button (if probe already folded out).

Preparation



Insert penetration probe into measurement object.

Tip: Hold two identical measurement objects together and place the penetration probe between the two objects. Does not damage the goods!

Measurement



Auto Hold activated:

- Audible signal indicates end of measurement, Auto Hold and final value are shown in display.

Auto Hold deactivated:

- End measurement by pressing [Hold] button. Final value is displayed.

Evaluation



Switch through measurement result measurement values of last measurement with [Hold/Min/Max] button.

Care and maintenance

Cleaning



Clean instrument under running water with mild detergent.

Cleaning lens



Wet lens carefully with water or surgical spirit, and clean with a cotton swab.

You can download this training card from www.testo.com/trainingcard-testo104-IR

The valid HACCP limit values can be found at www.testo.com/limit-values-haccp

For more information on testo 104-IR visit www.testo.com/haccp