

Be sure. **testo**



Practical guide Thermography for heating contractors.

How thermal imagers from Testo can help you to reduce costs and increase sales.

Introduction.

Thermography already found its way into the heating sector some years ago, and is now in widespread use. Testo thermal imagers are highly valuable diagnostic tools that can be used by specialists working in the heating market. This brochure looks at some key applications, and demonstrates how thermal imagers can be used on a daily basis to save time, reduce costs, and to generate additional lucrative activities to help expand your business.



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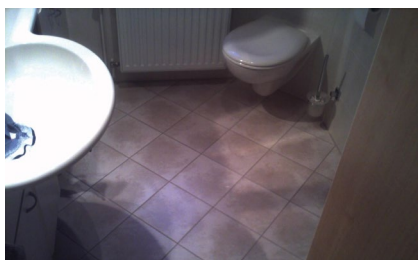
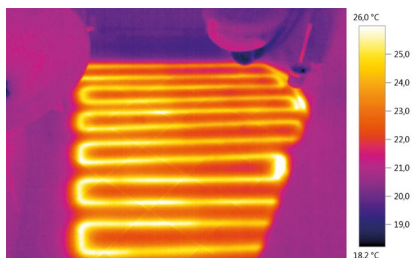
Tracing heating pipes and locating leaks.

Heating contractors are often asked to identify and fix leaking hot water pipes. When these potential leaks are located beneath tiled or concrete flooring, this results in the extremely time-consuming and laborious task of trying to identify the location of the leak, including digging out large sections of the floor to uncover the problem. A thermal imager can help to identify problem areas almost straight away, without the additional issue of extensive, unnecessary damage to the customer's property.

Detecting pipes:

In order to locate a leak in the heating system pipework, the first task is to trace where the pipes run. The time for this can be considerably reduced by using a thermal imager from Testo:

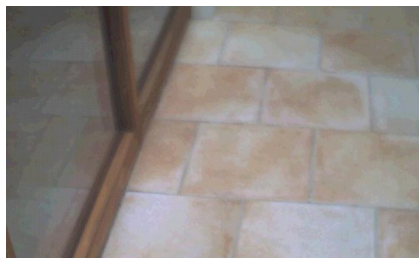
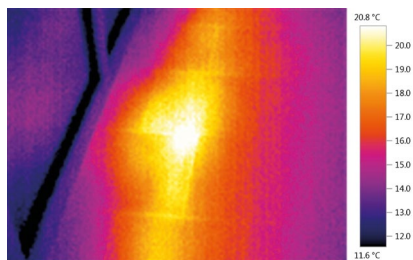
- The area to be examined is restricted to the relevant section.
- Thanks to the good visibility in the thermal image, the course of the pipework can be easily and conveniently traced (cf. adjacent illustration).





Locating leaks:

Once the thermal imager has established the pipework runs, efforts can be focused on locating the leak. The image on the right depicts the thermal survey of a glazed walkway between a lounge and kitchen extension. The homeowner is complaining of occasional water leakage under the tiled floor. The thermal image shows the heat pattern effect from the heating pipes running under the walkway. At one point they clearly exhibit increased temperature concentration. This hot spot indicates a possible leak from the central heating system. Leaks are usually identifiable by an irregular-shaped hot spot. With the help of thermal images, the possible location of the problem in the heating pipe could be detected.



Further examinations proved that there was in fact a leak at this location.

Überflüssigen Aufwand vermeiden:

Die Abschnitte 1 + 2 stammen aus

einer kostenlosen Analyse, die in

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Then [please register here](#).

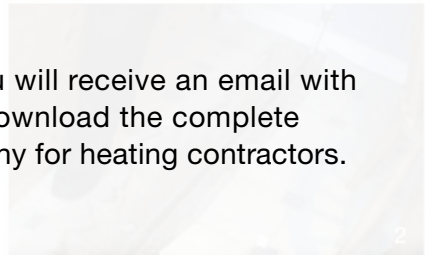
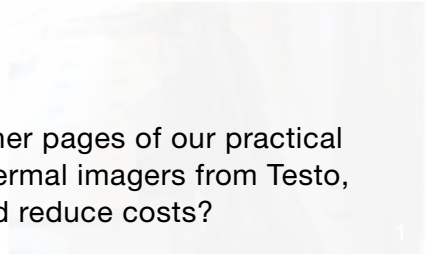
After you have registered, you will receive an email with a link which you can use to download the complete practical guide on thermography for heating contractors.

und Messmethoden, um den ursprünglichen Zustand wieder herzustellen.

Die Frage ist hier: Welche anderen, weniger zeitaufwendigen Methoden gibt es, die zudem Idealwerte keine- bei Schäden verursachen?

Die Wärmebildkamera ist ein vollkommen zerstörungsfreies Diagnosewerk- zeug und eignet sich daher ideal zur Lokalisierung von

- Schäden,
- Verstopfungen oder
- Leckagen.



In diesem Fallbeispiel hatten klassische Methoden versagt, und Testo wurde gebeten, die Leckage mit einer Wärme- bildkamera nachzuweisen. Für diesen Einsatzbereich eignen sich am besten die Geräte testo 885, testo 886, testo 871, testo 872 und testo 876. So konnte der Leitungsverlauf über die freigelegten Bereiche hinaus erfasst werden. Innerhalb kurzer Zeit wurde