



BOSCH THERMAL DETECTION DUO

Find the right tool for all your applications with the GTC 400 C Professional and the GIS 1000 C Professional and enhance your business.

It's in your hands. Bosch Professional.



BOSCH

MASTER YOUR HEATING AND INSULATION WORK WITH THE THERMAL DETECTION DUO

Does your daily work include checking the routing of heating cables or the floor heating's distribution box? Do you have to locate heating pipes in floors or walls, check windows and doors and find the cause for occurring drafts?

All these applications can be managed by using either the GTC 400 C Professional, the GIS 1000 C Professional or by using both in combination.

The thermal camera GTC 400 C Professional helps you to keep everything in view and to get a big picture of what the conditions are – it creates facts that enable you to proceed with your work much more efficiently and to avoid errors.

The thermal detector GIS 1000 C Professional helps you to work very precisely and to measure a surface temperature with pinpoint accuracy due to point measurement. If needed, the scanner also enables you to check ambient conditions at the same time.

THERMAL CAMERA AND POINT MEASUREMENTS

A thermal camera like the GTC 400 C Professional can be used to measure the temperature distribution of a relatively large area. Thousands of measurement points are compiled in an image and provide a fast overview of critical areas. For example, it helps to rapidly identify problems in areas where temperature differences need to be shown.

For point measurements you can use the GIS 1000 C Professional, which measures the surface temperature of a small area. If necessary, the relative humidity and ambient temperature can also be measured in order to find thermal bridges and risks of mould. The GIS 1000 C Professional is therefore suitable for precise point measurements of smaller areas.

Get a big picture and have all the information at a glance with the GTC 400 C Professional. Work with a pinpoint accuracy with the GIS 1000 C Professional.



THE ALL-ROUNDER: THERMAL CAMERA GTC 400 C PROFESSIONAL

The Bosch GTC 400 C Professional is the robust and easy-to-understand solution to visualise temperatures and to process data easily. It is state-of-the-art technology that fits into your budget, bringing all the benefits of thermal imaging into your daily work.

The GTC 400 C Professional is ideal for all electrical, heating and insulation applications.



- 1 Integrated visual camera** to display and save the real image together with your thermal image.
- 2 Infrared sensor resolution** of 160x120 pixels for detailed thermal images.
- 3 Integrated WiFi Hotspot** for fast and easy picture transfer to Bosch Measuring Master App.
- 4 Dual power source** runs with 12 V-LI battery pack and/or with standard alkaline batteries (AA).

THE SPECIALIST: THERMAL DETECTOR GIS 1000 C PROFESSIONAL

With the thermal detector Bosch GIS 1000 C Professional you discover a whole new world of measurement precision and professionalism at work. It documents temperature and humidity measurements and its visual camera directly connects the measured spot temperature with the respective visual image taken.

The GIS 1000 C Professional is ideal for all heating and insulation applications.



- 1 Integrated visual camera** for immediate documentation of measured values in a photo.
- 2 Quickly acclimatising sensor** for precise measurement of room temperature and relative humidity.
- 3 Straightforward user interface** for intuitive operation.
- 4 Dual power source** runs with 12 V-LI battery pack and/or with standard alkaline batteries (AA).

SIMPLIFY YOUR WORK WITH THE RIGHT TOOL

Evaluating the actual condition of insulation will challenge you in a different way than checking whether cables are broken or overloaded. Sometimes you might need to check the condition of an area to get the big picture. In this way, you can find temperature differences or leakages. In these situations, the GTC 400 C Professional is the perfect tool.



In other situations where you need to measure the surface temperature as well as the relative humidity and ambient temperature e.g. to identify a risk of mould, the GIS 1000 C Professional is the best tool for you.

In situations where you want to check the distribution boxes or a floor heating system, for example, it can be useful to get an overall insight in a first step and to check different valves in detail in a second step. Using a combination of the GTC 400 C Professional and the GIS 1000 C Professional is perfect for this.

FIND THE RIGHT TOOL FOR ALL YOUR APPLICATIONS



GTC



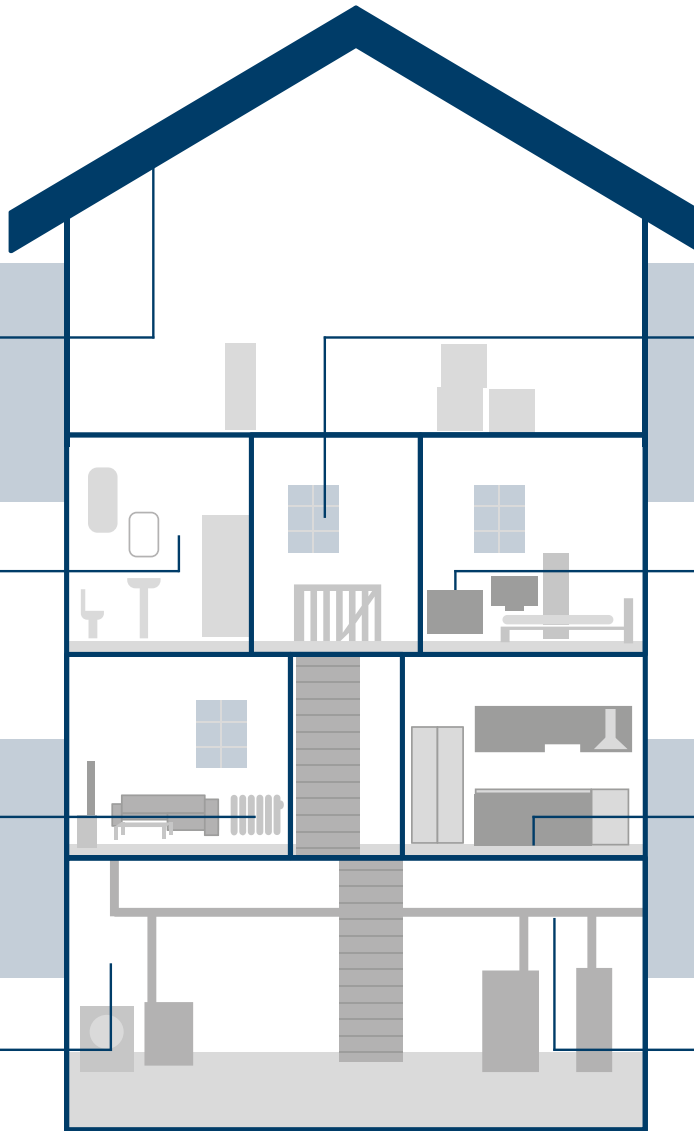
GIS



GTC



GIS



✓

✓

Insulation check of roof from the inside.

Find the cause for occurring drafts, i.e. thermal bridges of windows, doors or shutter boxes.

✓

✓

✓

Locate heating pipes in floors or walls.

Check floor heating's distribution box, i.e. are the pipes correctly labelled.

✓

✓

✓

Check radiators if they are vented.

Check the routing of floor heating cables.

✓

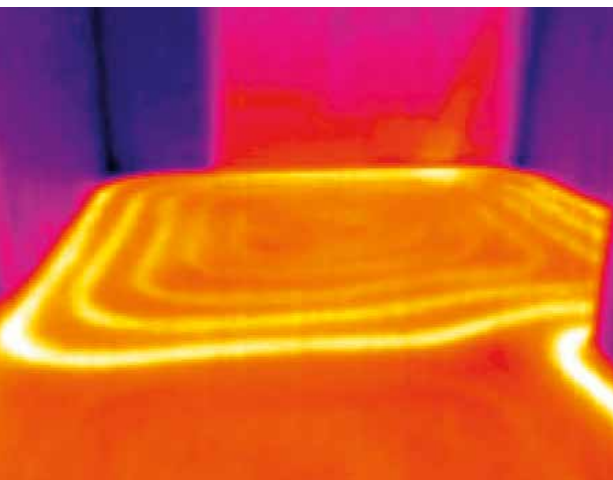
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Identify risk of mould.

Find leakages and clogged pipes.

✓

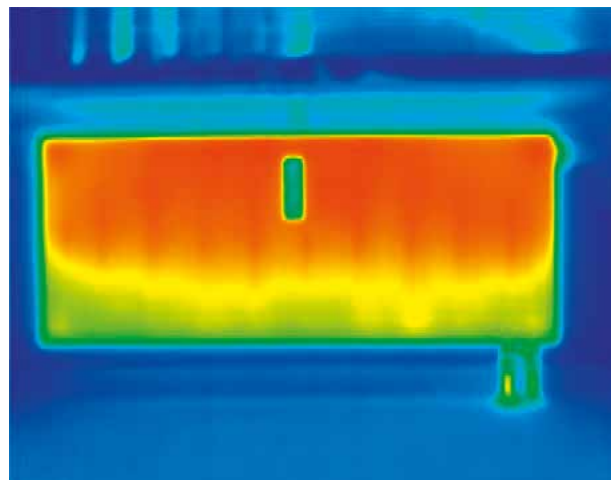
DIFFERENT APPLICATIONS. DIFFERENT CHALLENGES.



Check the routing of heating cables or locate heating pipes in floors or walls

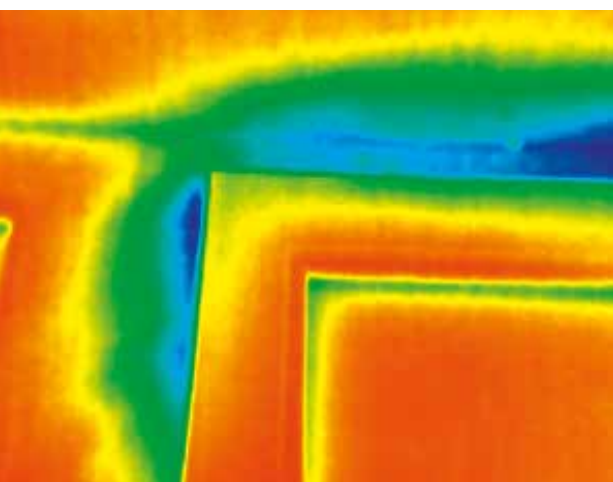
If you want to check the routing of heating cables, the GTC 400 C Professional generates an extensive picture of your evaluated range and will give you reliable answers to your questions.

Before drilling, you should locate heating pipes. For this application you can also use the GTC 400 C Professional to visualise temperature differences and to find those pipes in floors or walls.



Check radiators if they are vented

If a radiator is not properly vented, it cannot work well. In this case, the GTC 400 C Professional helps you to check the distribution of the heat and to see if the heating power is constant.



Find the cause for occurring drafts

To find out if air enters through a window or door you can inspect the whole window or door with the help of the GTC 400 C Professional. In this way, you can identify the leaking area.

This area can also be checked with the GIS 1000 C Professional in more detail to compare the surface temperature with the ambient temperature.



Risk of mould

The GIS 1000 C Professional can be used to quickly and easily track down thermal bridges and mould risk areas. The tool measures room temperature, surface temperature and humidity according to the selected mode and assesses these values in relation to each other. It helps professional tradespeople to interpret the data, using a colour scale to show the acquired temperature range as well as temperature deviations and therefore the dew points or thermal bridges.