

Response time in milliseconds and exact measurement results with contactless measurement technology – our infrared products



In addition to invasive and non-invasive temperature sensors, B + B also offers contactless temperature measurement. With the help of our infrared products, it is possible to record temperatures at distances. This technique is particularly useful for moving measurement objects and applications that require a very fast response or response time.

If you know where the critical or measuring area is in your application, a point-measuring infrared thermometer should be used. The size of the measurement object determines which optics are selected for the measuring device. This enables you to monitor the temperature precisely and optimize the process if necessary - before there are quality problems.

Our infrared thermometers "Made in Germany" are suitable for these stationary applications. Exact measurement results, measuring spot markings and high-quality accessories characterize our DM series. A wide variety of materials can be measured with the pyrometers. The spectral ranges range from plastic to a wide variety of metals. These include areas of application such as the temperature measurement of the granulate in injection molding technology, the recording of the temperature in the production of flat films and sheet extrusion, as well as in induction hardening, deep drawing, metal casting or die forging. In addition, our infrared products are also used in the glass industry and processes are optimized in all areas where quality is to be monitored, and research / development drives new product areas. Due to the modular structure and the enormous product range, it is possible to measure almost any material with the pyrometers and to measure the surface temperature. Please contact us for the optimal design.

In the event that there is not only one critical area or this area cannot be precisely located, the use of infrared cameras makes more sense and is more effective. Often, critical points are located with the camera via the thermal image display and then permanently monitored with the help of one or more stationary infrared thermometers. Depending on the application, you will receive small infrared and thermal imaging cameras with large technology. The thermal imaging cameras provide you with exact temperature values in real time and are used in a wide variety of industries. All thermal imagers can be connected to your computer via USB 2.0. This gives you high-resolution images to analyze area measurements and save temperature profiles. The cameras are available in different versions with selectable lenses, specially tailored to different requirements.

Even in medical technology and at the time of the corona virus, our infrared products help to measure body temperatures and surfaces. In order to detect larger crowds of people, infrared cameras are required; our handheld measuring devices are particularly suitable for random temperature measurements.

You can also find our infrared products in the [B+B online shop](#).