



TESTOsolutions

# Thermography of distant objects



## See all the details – even at a great distance.

Large distances to the measurement object require either a reduction of the distance or superior technology. In many situations, the measurement technology is the solution: because faulty connections in high-voltage masts simply cannot be examined from close up. Only by using a very high-resolution detector and a high-quality telephoto lens does one obtain the necessary attention to detail in the thermal image at such distances – and can thus carry out meaningful analyses.



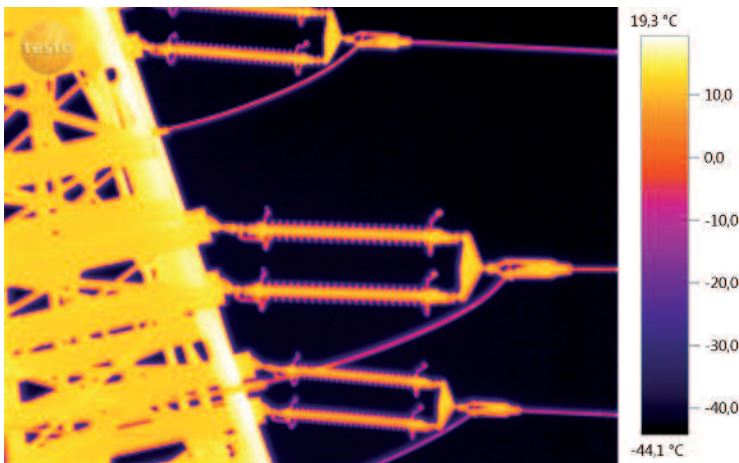
## The application



### When “as close as possible” simply isn’t possible.

Whether it is the spatial conditions which prevent approaching the measurement object, or the consideration of one’s own safety: a user who cannot approach his measurement object close enough needs to be able to rely on his technical equipment. In the thermography of distant objects, all that helps, apart from telephoto lenses, is a high-resolution infrared imager system. This is the only way critical temperature differences and hot spots can be clearly recognized and properly evaluated at a distance.

## The solution



### Simply stay away.

The basis for the exact determination of thermal irregularities at great distances, e.g. in the cable connections in high-voltage masts, is a high-performance detector. With the 640 x 480-pixel detector in the testo 890 in combination with the new Testo SuperResolution technology, you can create

extremely high-resolution thermal images in megapixel quality. With the telephoto lens, you are guaranteed to recognize every detail, even on far distant objects, with the testo 890, and can carry out precise thermographic analyses.



### More information:

For more information and answers to all your questions concerning thermography on far distant objects, contact our thermography experts at +49 7653 681 700 or [thermografie@testo.de](mailto:thermografie@testo.de).