

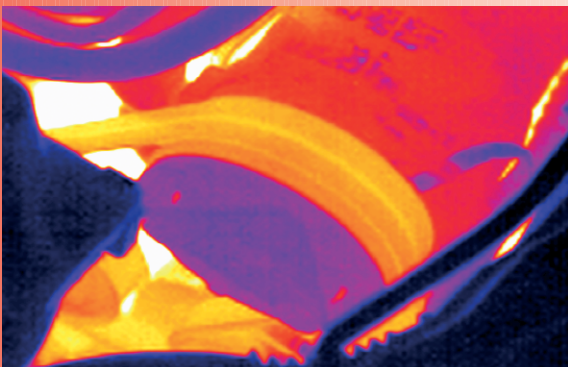
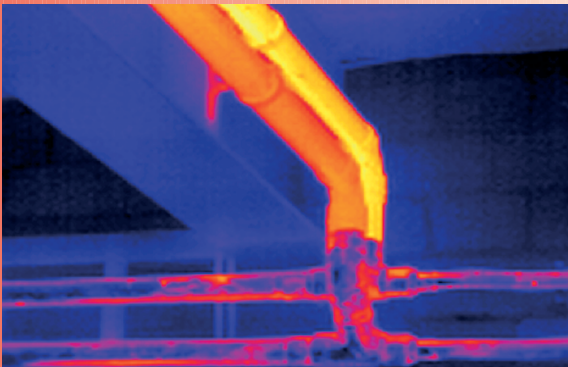
IRI 4010

SEEING IS BELIEVING...

...take away the guess work with performance and affordability

The IRI 4010 is an innovative hand held thermal imager which offers outstanding imaging and temperature measurement performance together with the traditional Irisys features of flexibility, ease of use and minimal cost.

- Only 0.75kg
- 160 x 120 image
- Simple operation
- Large, clear display
- Multiple temperature measurements
- Lowest cost high definition imager on the market



“ Best value high definition imager on the market ”



IRI 4010

Electrical

Among the many common faults in electrical systems are:

- Loose/over tight connections
- Over twisted wires
- Overloaded components
- Uneven voltage distribution
- Failed/fatigued components

Faults such as these can cause the temperature of a component or connection to change. Irisys thermal imagers can be used to obtain a thermal profile; this facilitates condition monitoring and fault diagnosis.

Mechanical

Many faults in bearings and motors are due to poor lubrication and/or shaft alignment. These result in excessive friction which leads to a rise in temperature. There can also be faulty or loose electrical connections. Whatever the fault, the result is a change in the temperature profile of the equipment. This can be detected and monitored using an Irisys thermal imager.

Building Insulation

The twin drivers of energy costs and legislation are leading to improvement in building insulation. The quality of the insulation, however, is difficult to assess by purely visible means.

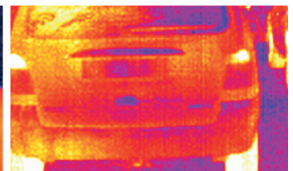
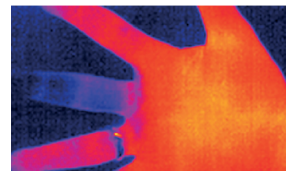
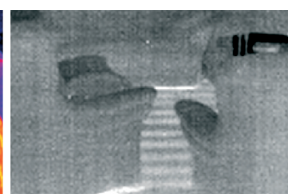
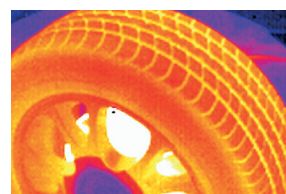
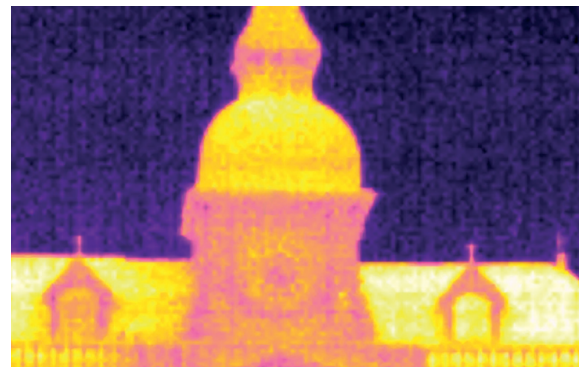
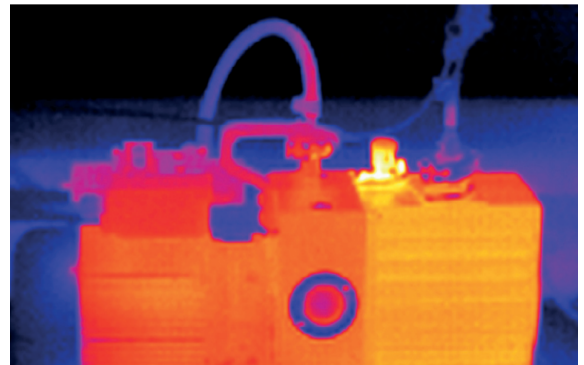
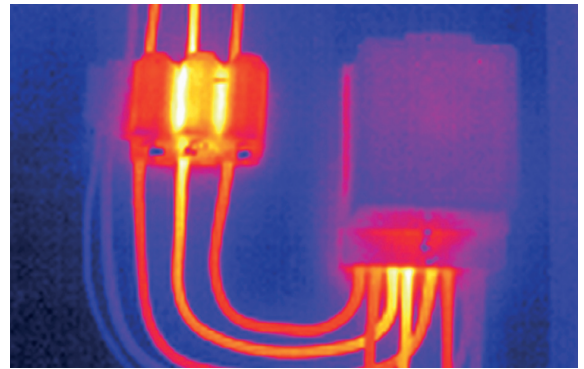
An Irisys thermal imager will identify both missing insulation in new buildings and deteriorating insulation in older buildings.

General

Thermal imaging technology has traditionally been prohibitively expensive for many applications. However, with the introduction of low cost thermal imagers from Irisys, it is becoming more generally relevant.

Examples of these emerging applications include:

- Monitoring of tyre temperatures and other parts on a car
- Checking of domestic central heating and under floor heating systems
- Monitoring of injuries in horses and other animals, where the difference in blood flow will create a temperature difference that can be identified by an Irisys thermal imager.



InfraRed Integrated Systems Limited

Park Circle Tithe Barn Way Swan Valley Northampton NN4 9BG UK

Tel: +44 (0) 1604 594 200

Fax: +44 (0) 1604 594 210

Email: sales@irisys.co.uk

Web site: www.irisys.co.uk