Most suitable tools for energy management and power optimization:



Fluke ii900 Acoustic Imaging Camera

- Simply scan your installation in full production mode and observe any leaks on the 7” screen
- Clear and intuitive user interface – you can get started within 5 minutes
- Automatic distance measurement and leakage quantification (l/min or €/year)
- The integrated frequency filter isolates the ambient noise
- Asset tagging (Identification of devices and installations)
- Documentation software incl.
- Premium, industry-grade acoustic imagining platform/solution



Fluke 1732 and 1734 energy loggers

- Representation of the energy balance, including in calcuation in Euro, and calculation of the costs due to energy loss.
- Graphical representation of the unbalance
- Easy operation via touch screen
- Supply via the measured circuit for unlimited autonomy
- Analysis software included which enables the simultaneous comparison of several measurement files, among other things
- AutoCorrect of wiring. Corrects connection errors on its own



Fluke Ti300+, Ti401 and Ti480Pro Thermal Imaging Cameras

- High resolution: 320 x 240 pixels (Ti300+) and 640 x 480 pixel (Ti401 and Ti480Pro)
- Autofocus LaserSharp®
- IR-Fusion® technology for the combination of visible image and thermal image
- Radiometric video
- Fluke Connect® for data transfer, analysis and report generation on your smartphone and tablet wherever you are
- Versatile, fully mobile and industry-ready maintenance solution

Fluke. *Keeping your world up and running.*™

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The Best Tools for Energy Management and Sustainable Maintenance



The European Union introduces the systematic energy management which helps companies and organizations to continuously increase their energy efficiency and reduce energy consumption and the associated greenhouse gas emissions.

Fluke offers a wide variety of solutions that not only help you in identifying potential energy consumption optimizations and validating your efforts in saving energy but are also ideal for keeping up with global market standard and latest recommendations to gain competitive edge.

The best tools for conducting your energy audit

FLUKE®

1

Temperature Humidity Meter
Building: Air quality analysis (temperature and humidity). Used to verify the proper operation of air conditioners to control their energy consumption.

Recommended product:
Fluke 971



2

Air Flow Meter
Building: Measuring the flow, velocity, temperature and differential pressure of the air to ensure a comfortable and balanced ventilation and to measure the effectiveness of the ventilation system.

Recommended product:
Fluke 922



3

Measurement of power quality
Power quality has a major impact on energy consumption, power, and the efficiency of installations. Unbalance, total harmonic distortion (THD), overvoltages, voltage regulation (dips and swells), and power factor.
Over time, installations can change due to additions or adjustments, moves and age, all of which can have a significant impact on energy waste.

Recommended products:
Fluke 1775 and 1777





4

Load and Energy Measurement
Building: Analysis and recording of the main loads and energy consumption of assets such as: machinery, lighting, air conditioning, ventilation and heating in order to get a grip and suggest improvements.

Recommended product:
Fluke 1732 and 1734



5

Thermal Imagers
Building: Heat is energy – search for heat loss and sources of energy waste.
Transformers: Identify heat and temperature rise due to an overload.
Assets: Identify heat losses and temperature rises caused by overloads, friction, mechanical issues, unbalance and many more.

Recommended products:
Fluke TiS75+, TiS55+ en Ti300+



6

Acoustic Imaging
Ideal to detect leaks quickly and easily in the compressed air system as well as in the vacuum and steam system.
Systems: In just a few minutes, you can get an idea of possible leaks – while production is ongoing. The camera's display immediately shows and quantifies the leaks. Create reports for your maintenance tasks.

Recommended product:
Fluke ii900

