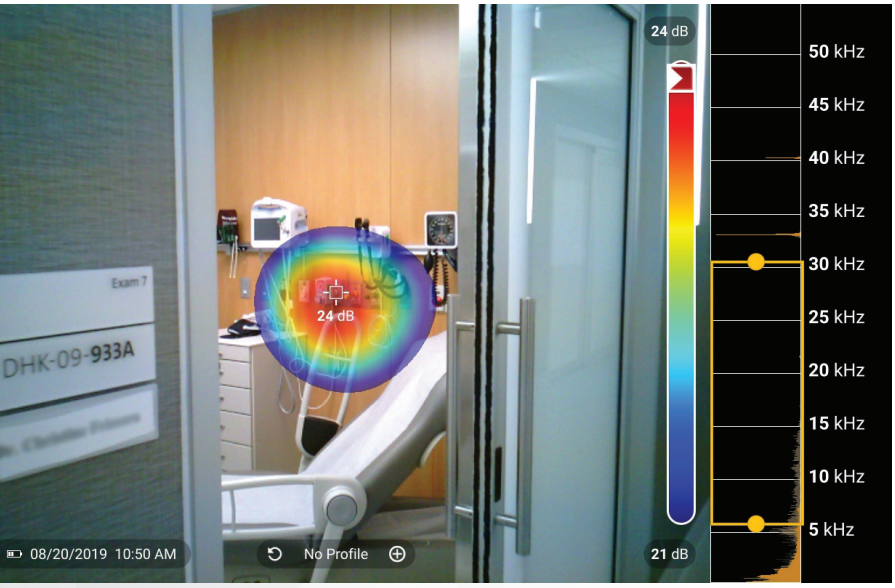
ii900 Acoustic Imager in

Health Care

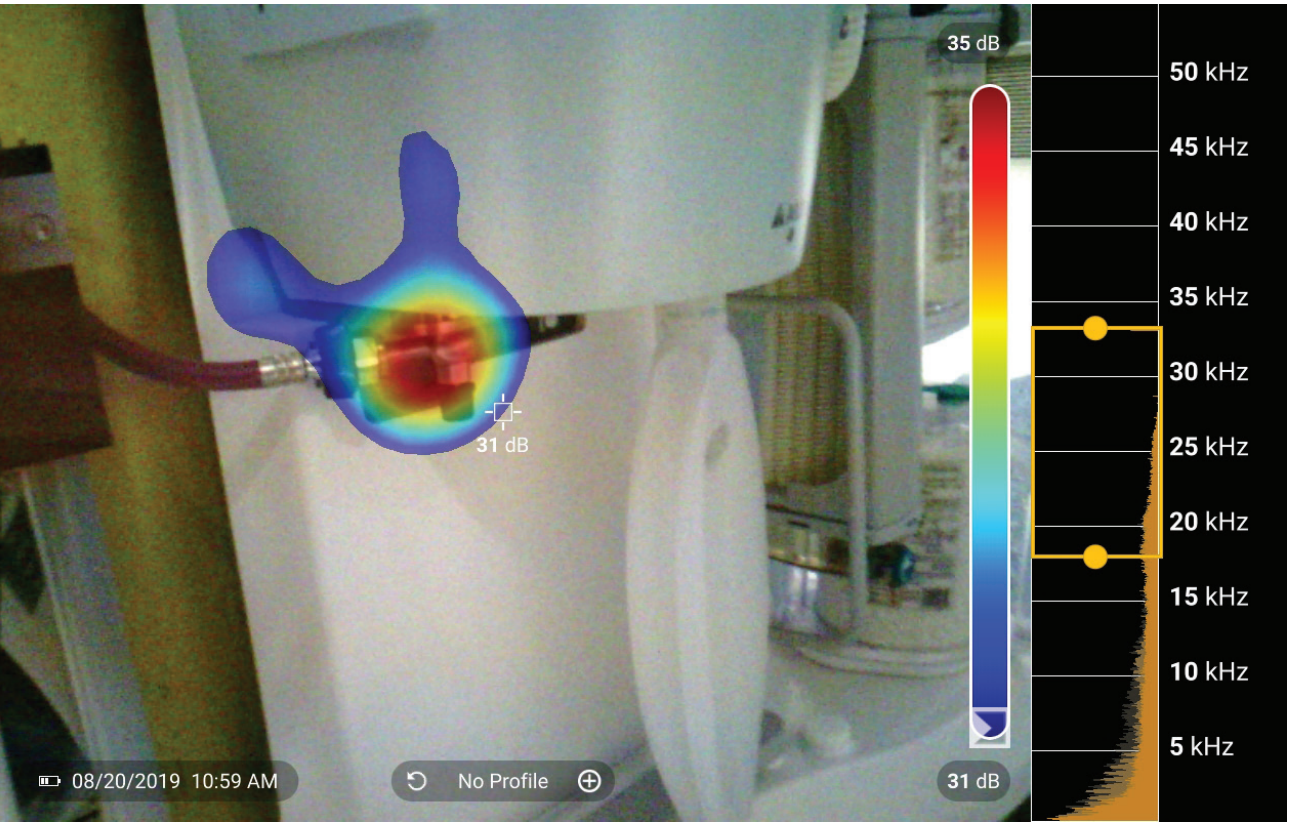
The Fluke ii900 locates gas and air leaks in medical facilities which can be especially critical to patient care and facility efficiency.

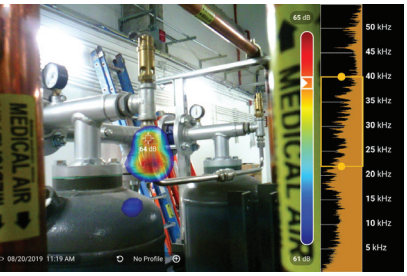
Pin-pointing any and all leaks in medical facilities is important, and with the ii900 Acoustic Imager, you can detect a 0.11 l/min leak from 3 meters away or a 0.20 l/min leak from 10 meters away.

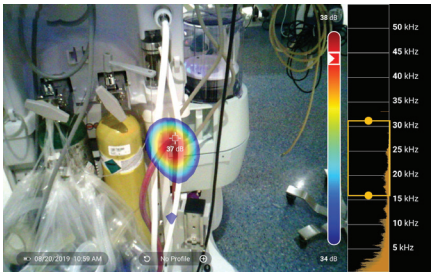


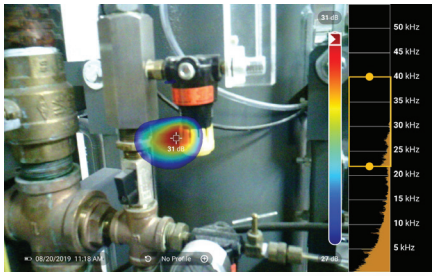
Here are some examples of how air, gas, and vacuum leak detection can be useful in medical facilities:

- Identifying leaks at medical gas service outlets and flexible hoses
- Pin-pointing leaks in pneumatic tube conveyance systems and controls
- Verify integrity of compressed air systems
- Maximizing infrastructure capacity
- Ensuring critical gas delivery to/from operating rooms on campus (CI, O2, Nitrogen, etc.)
- Accessing tricky and hard-to-reach critical vacuums
- Ensuring standard compressed air system integrity end to end infrastructure
- Identifying steam leaks
- Ensuring process vessel leak integrity









We worked with and interviewed a medical professional in the US to verify we could help.

Q Do you see anything about the current pandemic situation where leaks in compressed air/gas systems could cause capacity issues for hospitals? Basically, is there anything about the ii900 that could be helpful in the current crisis—or do you see the applications for the tool being largely unrelated to the current crisis?

A I could see a significant leak or numerous smaller leaks in the oxygen or medical air supply potentially impacting patient care at a facility. This could be related to any oxygen/medical air configuration being administered to a patient, regardless of the current pandemic.

Q How critical are these medical gas and compressed air systems for supplying air to life saving equipment (i.e. ventilators) and patients?

A Medical gasses are essential to patient care. Patients impacted by the current pandemic and other conditions benefit from their use.

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