

UltraView

ULTRASOUND CAMERA

ue
SYSTEMS INC
The *ultrasound* approach

Identify air leaks & electrical issues 10x faster.
DETECT PROBLEMS BEFORE ITS TOO LATE.

Save money and energy and avoid downtime and safety issues with the UltraView.
All leaks or partial discharge locations will simply be displayed on the screen.



DETECTING LEAKS WITH THE ULTRAVIEW

Compressed Air Leaks are a serious problem that affects most industrial facilities. If your compressors are having a hard time keeping up with the demand, leaks are most likely the issue.

1 kW of compressed air is 8 times more expensive than 1 kW of electricity and about 30% of all compressed air is lost to leaks. With the rising energy prices, it can be your most expensive utility. By detecting and fixing those leaks you can achieve huge energy savings.

Detect leaks quickly and easily

With the UltraView you can **easily find compressed air leaks (or any other compressed gas)**. Simply switch on the camera and watch how the leak locations show up on the screen. In a short time you will be able to cover a large area and find a significant amount of leaks, even at a safe distance.

For each compressed air leak the UltraView will show you the decibel level, the leak rate and the estimated leak cost. This way you can **have a quick overview of how much these leaks are costing per year** – and you will be surprised by how much they can cost! You can also store all your detected leaks and create an extensive leak report. The UltraView provides a quick and significant return on your investment. Capture, download & analyze sound files, just like on the Ultraprobe series of instruments. Integrate into existing UE Systems software including the SideKick App.



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FINDING PARTIAL DISCHARGE WITH THE ULTRAVIEW

Partial Discharge is a very serious problem. Electrical equipment failures can be very severe and quickly become a life-threatening hazard to your personnel. Besides, they can also cause large periods of unplanned downtime.

With the UltraView you can **save money by avoiding expensive downtime and guarantee the invaluable safety of your personnel.** Easily and efficiently detect issues such as corona, tracking and arcing. Just point the camera at any electrical asset and the partial discharge locations will show on the screen. The camera can even distinguish partial discharge from other ultrasound sources, reducing the number of false positives!

The camera is ready to be used right out of the box – **its operation requires minimal training and you can detect partial discharge without the need for any additional software installation.**

You can also create reports on the detected partial discharge. The report will mention the severity of each partial discharge and suggest corrective actions.



TECHNICAL SPECIFICATIONS



Size

273 x 170 x 125 mm (10.7 x 6.7 x 4.9 in)

Weight

Bare unit 980 g (2.2 lb)

Protection class

IP51

Operation & storage temperatures

-10 °C to +50 °C (14 °F to 122 °F)

Operation & storage humidity

0 to 90 %RH

Charging temperature

0 °C to +40 °C (32 °F to 104 °F)

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