



Leak/Flow Detection
We test, You produce.

DNC TECHNOLOGY

NEGATE BACKGROUND DISTURBANCES FROM LEAK READINGS

When leak testing a large, flexible component in a 'noisy' factory environment, use ATEQ's new Differential Noise Canceling (DNC) leak testing technology to produce faster, more accurate leak readings that are not influenced by fluctuating background disturbances.



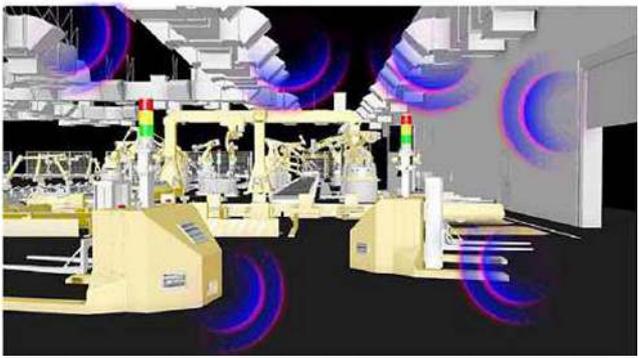
By using **ATEQ's F670** Large Volume Differential Pressure Decay Leak Tester with DNC, it is now possible to detect pressure drops below 0.1 Pa/sec.





ATEQ Leak/ Flow Detection

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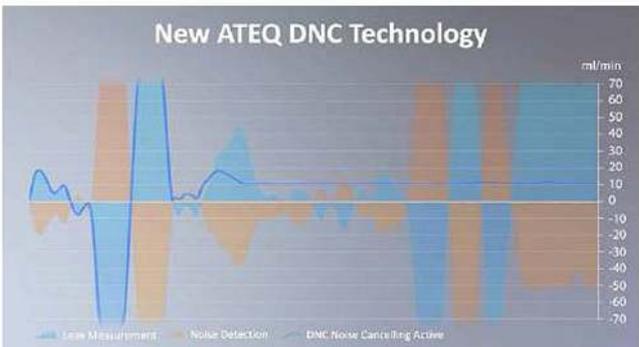
A factory is "noisy" and full of fluctuations which can affect a leak reading and cause the leak tester to incorrectly pass or fail a part.

FACTORY DISTURBANCES

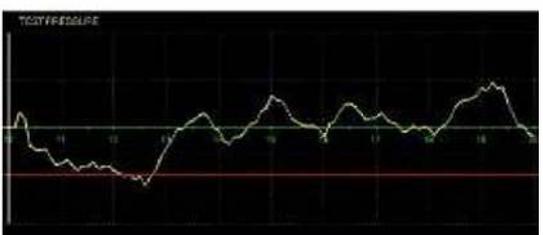
Temperature Variations
Opening Doors or Windows, Fans, HVAC Systems

Pressure Variations
Time of Day, Weather, Sound Level

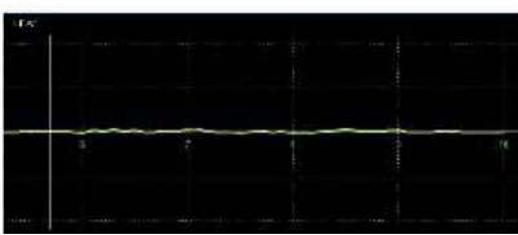
Vibrations
Machine Movement, Wind, Forklifts, Music



ATEQ's DNC function provides a more stable leak reading by compensating for background disturbances so they don't influence the leak sensor.



Leak Reading Without DNC



Leak Reading With DNC

EV BATTERY COVER

An EV battery housing is a great application for ATEQ's new DNC leak testing technology since it is a large, flexible component that is easily affected by variations in background noise.

