HONEYWELL AIR DETECTIVE

A Cloud-Based, Artificial Intelligence-Enabled, Edge Device
for HVAC and Environmental Test Professionals

Honeywell

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The system allows HVAC and environmental test professionals to take a snapshot of indoor air and connects them to an extensive allergen database to yield near real–time air quality analysis. The results help professionals to better inform their customers "on–the–spot" of present airborne particles and the products and services that may be useful in their homes.
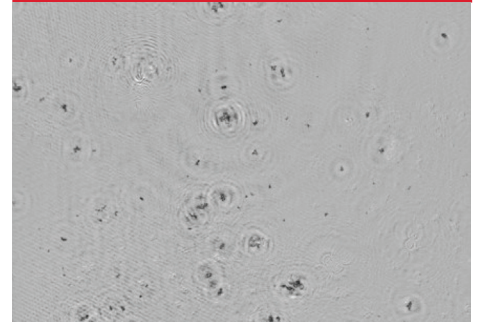

FEATURES

- On-the-spot, near real-time particle classification and display
- Identify various allergens including spores, specific pollen types, and other organic allergen particles
- Visual display of particles present
- Air quality particle report
- Easy-to-use device with tablet app control and display

APPLICATIONS

- Periodic service visits
- HVAC system diagnosis and consultation
- Collection of airborne allergen information to support marketing and sales

VALUE TO PROFESSIONALS

The Honeywell Air Detective is an innovative new tool for the test professional's toolbox. The system enables the professional to provide preliminary insights into the customer's indoor air, which will allow the customer to make more informed decisions about his/her HVAC system. This, in turn, may drive other products and services.

ARTIFICIAL INTELLIGENCE

- System trained with large data set of allergens
- The application's artificial intelligence algorithms are updated periodically and deployed automatically, eliminating the need for manual intervention to enable device or system upgrades

EASY-TO-USE

- Simple tablet app interface
- Single-use disposable air analysis cassettes
- Option to email detailed particle report

MARKETING

- Allows HVAC and environmental test professionals to differentiate from competition
- Allows new high-value ad campaigns targeting premium customers

THE FUTURE IS WHAT WE MAKE IT

Honeywell