



CAMBRIDGE ACCU**SENSE**, INC.

AirGrid

for testing HEPA filters
and HVAC Systems



Mobile Multipoint Evaluation

The Cambridge AccuSense AirGrid is a unique, flexible hardware tool, designed to enhance the performance and efficiency of your Quattro Flow Air Velocity Analyzer.

- Improves accuracy – measures airflow directly with four individual sensors instead of averaging multiple readings from a pitot tube.
- Saves time – Internal firmware stores 4 or 8 individual readings for many hundreds of filters.
- Increases efficiency – unique design allows measurements in awkward locations such as over conduits and around cleanroom equipment
- Eliminates risk of contamination – special laser feature positions the sensors 6 inches away from the filter. There is no need to physically touch the filter and risk contamination.
- Traditional AccuSense reliability – the AirGrid automatically compensates for altitude and density variations.
- Reduces human error potential – special firmware automatically calculates average velocity and volumetric flow.
- User-friendly operation – readings are entered simply by pushing a button on the handle.

Direct. Fast. Easy.

A powerful accessory to your Quattro Flow Air Velocity Analyzer, the AirGrid takes four individual point readings simultaneously and computes the average and volumetric flow, all in real-time. The results are then stored in memory until deleted by user – there is no need to interrupt the operation in order to store measurements.

The AirGrid has an internal program that labels the data for easy recall and use. Individual as well as average readings for different cleanrooms, different HEPA filters, even different zones, can thus be measured, labeled and retrieved later. Profiles can be efficiently obtained and a data base created. Data can be downloaded to a PC or printed. Optional AccuTrac software allows the filter data to be downloaded in an Excel™ compatible spreadsheet.

As is the case with all Cambridge AccuSense airflow instrumentation, the sensors are fully interchangeable, allowing for easy field maintenance and uninterrupted operation.

The AirGrid is especially valuable for increasing efficiency, reliability and accuracy of multipoint airflow measurement in cleanrooms.



