AIR FILTRATION DEVELOPMENT TOOLS

Product Reliability

Test and Evaluation

VIBRATION TABLES
- Used to stress hardware to assess durability
- Applies sine, random, shock or computerized vibration profiles
- Capability to conduct hot or cold test
- Capability to test under flow conditions
- Multiple tests cells in U.S. and Europe

TENSILE/COMPRESSION TESTER
- Used to test material, component and assembly properties

TEMPERATURE CHAMBERS
- Allows testing at hot or cold temperature, with humidity control
- Static or temp/RH cycles

Design Validation / Field Test

VARIETY OF VEHICLES
- Medium- and Heavy-duty Truck and Bus, Construction, Industrial, Mining, Agriculture, Military/Defense

EXTREME GEOGRAPHY AND CLIMATE
- Extreme hot and cold climates
  - Arizona summers to Canadian winters
- High and low altitudes

DATA COLLECTION
- Filter weight
- Visual and mechanical inspection
- Collect run-time data from data logger
- Operational check

PERFORMANCE MONITORING
- Telemetry data acquisition with GPS for real-time data collection