

PRODUCT SUMMARY

Air Quality Monitoring - Upgrades

Solving your
Monitoring Problems
to make your life easier



To deliver a turn-key solution to our customers, we have designed system upgrades for the base Aeroqual systems. These improvements either a) make the system easier to use or b) add additional features that allow it to be used in a wider range of applications.

SYSTEM UPGRADES (STANDARD)

Item	Power Supply
Quick Connect Cables	We install external cables to the Aeroqual base for DC power, weather stations and noise monitors
Portable Power Packs	Our lightweight power packs can be hung from the tripod and provide 15 or 28 hours of operation
Tripod Brackets	We have drilled brackets into our tripods to allow for a faster and safer set-up of the Aeroqual base AND portable power mates. Custom brackets have been designed for weather stations and noise monitors.
Pelican Cases	Transport monitors directly to site with custom cases for tripod, battery packs, weather station and more.



SYSTEM UPGRADES (STANDARD)

FEATURES

- ▶ Weather Proof Cables and Connections
- ▶ Custom tripod design
- ▶ External Quick Connects for all upgrades

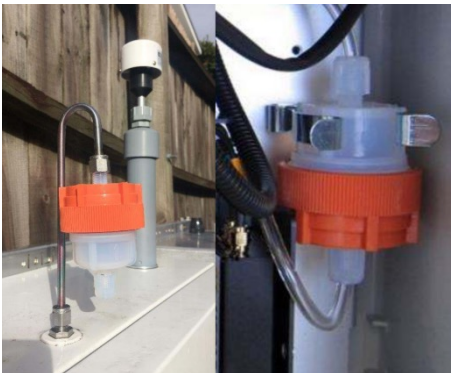
BENEFITS

- ▶ Fully assembled – set-up in minutes
- ▶ Health and Safety – lightweight power options
- ▶ Weather proof – leave outdoors all year around



SYSTEM UPGRADES (ADVANCED)

Item	Power Supply
Weather Station	Ultrasonic weather station to measure for wind speed and direction and other parameters
Noise Monitor	Class 1 Sound Level Monitor with weather proof microphone
Vibration Monitor	ISEE Standard Seismograph with Triaxial Geophone
PTZ Camera	HD camera with infrared motion detection
Gravimetric Analysis	Collection of gravimetric samples using 47 mm filter
SUMMA Canister Sampling	On/off daily timer with options for each day of the week
Custom Integration	4 – 20 mA and digital inputs/output for custom instrumentation integration (Mercury Analyzer, Black Carbon) and control of process equipment





PTZ Camera/Weather Station

BENEFITS

- ▶ Integrate laboratory samples for speciation (SUMMA, Gravimetric)
- ▶ Site observation and security with PTZ camera
- ▶ Save money with an all-in-one system (Air/Noise/Vibration)

FEATURES

- ▶ Project dashboard with air/noise/weather/vibration
- ▶ Custom integrations including Mercury and Black Carbon
- ▶ PTZ Camera with remote access
- ▶ Open/Close SUMMA Canisters (trigger or remote)



Mercury Vapor Analyser



Vibration/Dust Monitor



Dust/Noise Monitor



Programmable Timer