

## Comparison of Air Quality Monitoring enclosures.

A side-by-side comparison of an ET designed roadside station alongside a competitor's station.



**Fig 1.** An ET PR5 Professional Air Quality Monitoring Station



**Fig 2.** A competitor's Air Quality Monitoring Station

ET PR5 Professional Air Quality Monitoring Station	Competitor's Air Quality Monitoring Station.
Professional, neat and tidy build.	Untidy and haphazard layout.
High quality fittings and fixtures.	Low quality fitting and fixtures, badly rusting in places.
Professional, safe and tidy electrics and wiring.	Untidy wiring, restricted access to electrics (unsafe).
Optimal placement of PM10 monitor and NOx analyser.	Bad layout of instrumentation. Pump placed on top of TEOM sensor unit (large potential for vibration issues).
Adequate air-conditioning unit, well positioned and ventilated.	Inadequate air-conditioning unit. Equipment likely to overheat in summer months.
Easy access to all instrumentation for all users and service providers.	Poor access to instrumentation for users and service providers.
Well designed and carefully planned layout.	Poorly designed and poorly laid-out.
A monitoring station that the supplier and customer can be proud of.	
GRP construction, rust-proof, designed to last.	Evidence of rust, poor materials quality.
Defra MCERTS Approved PM10 monitor	Non-Defra Approved, obsolete PM10 monitor.

## Which air quality monitoring station would YOU prefer?