



# AIR QUALITY MONITORING SYSTEM



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VEHICLES PAST THIS POINT AND  
NO PARKING.  
DISCIPLINARY ACTION WILL BE  
TAKEN AGAINST PEOPLE  
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Airtrack™ is a unique product designed to test the air quality of compressed air in line with breathing air requirements.

Monitoring for a variety of contaminants in compressed air including Water content/ Pressure Dewpoint, Oxygen, Carbon Dioxide, Carbon Monoxide, Oil , Nitrous Oxides and Hydrogen Sulphide. The standard units will monitor CO, CO2, Dewpoint, O2 and use an oil impactor, for compliance with EN12021 or Grade D, but with extra sensors it offers the capability to monitor air for other contaminants which could be drawn in from the environment which could have air which is poor quality.

The Airtrack™ works in real time constantly monitoring air quality, and contains a built in alarm and separate audible alarm output which can be used to integrate with a remote alarm or compressor shut down system. A test function allows the unit to perform an average over 5 minutes and built in logging facility records data from each channel which can be downloaded.

The Airtrack comes with wi-fi capability so data can be accessed by a computer, using the Airtrack application. Available in different models, the fixed version can be wall mounted as a permanent fixture, and the portable version which is ideal for situations where multiple locations need testing.



### Airtrack Fixed

Designed for permanent installation in conjunction with either high or medium pressure breathing air installations.



### Airtrack Portable

Battery and mains powered for testing a variety of air sources with heavy duty portable case.



### Airtrack Lite

Same functionality but without a screen for integrated applications - tablet used for viewing data.



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# Key Benefits

Accurate, real time compressed air quality monitoring – giving 100% assurance of safe air



Air input with a variety of connection adaptors



Alarm output – these can be used to turn equipment on or off or to activate additional external alarm systems



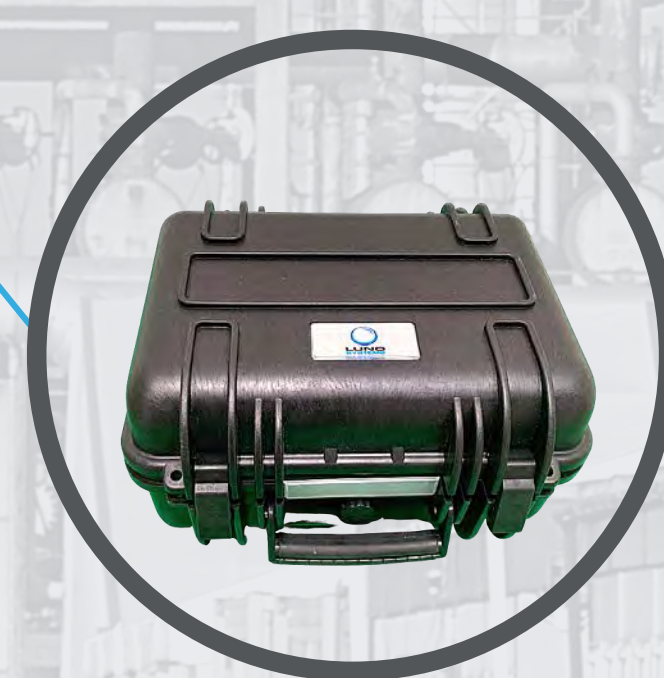
App for calibration and additional datalogging functionality



High quality TFT touchscreen for easy visibility of readings and data logs



Network & device connectivity via cable or Wi-Fi



Aitrack Portable is Explorer Case Mounted

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# Specification

Case	Either Explorer high impact case or ABS wall mount enclosure
Supply Pressure	2 to 10 bar
Data Logging	Yes
Wifi	Yes
Screen	TFT Touchscreen ( <a href="#">Portable/</a> <a href="#">Fixed</a> )
Power Supply	Mains feeding 12 v Lead Acid
Size	350 x 300 x 180 <a href="#">Portable</a> , 310 x 400 x 130 <a href="#">Fixed/Lite</a>
Weight	12.5kg

## Airtrack Part No Configuration

The below shows how part numbers are configured (part no code in brackets)  
 Eg Airtrack Fixed , O2, CO, CO2, Oil Impactor, Dewpoint : Full Part No: 20031-02-CO-CO2-OI-DEW

### Typical Configurations include :

- Compressed Air Quality- O2, CO,CO2, Oil Impactor, Dewpoint
- Vessel Monitoring - O2, H2S, CH4

20030	<a href="#">Portable</a>
20031	<a href="#">Fixed</a>
20032	<a href="#">Lite</a>

Channel 1 Sensor	Oxygen (O2)
Channel 2 Sensor	Nitrous Oxides (NO) or Hydrogen Sulphide (H2S)
Channel 3 Sensor	Carbon Monoxide (CO)
Channel 4 Sensor	Carbon Dioxide (CO2) or Flammables (CH4)
Channel 5 Sensor	Photo Ionisation Detector (PID)
Oil Impactor	Oil Impactor (OI)
Dewpoint	Dewpoint (DEW)
Pump	Pump (P)



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