



LUNO
SYSTEMS

AIRTRACK™

AIR QUALITY MONITORING SYSTEM







Airtrack™ provides detection of a large variety of gases and contaminants in both compressed air and ambient environments

The Airtrack™ standard versions will monitor Water Content/Pressure Dewpoint, Oxygen, Carbon Dioxide, Carbon Monoxide, Oil, Nitrous Oxides and Hydrogen Sulphide, pressure and temperature. In addition to these the Airtrack™ Special will monitor for up to 6 extra selectable channels and can integrate with almost any sensor producing a 4-20ma output.

The standard units will monitor CO, CO₂, Dewpoint, O₂ and use an oil impactor, for compliance with EN12021 or Grade D standards. With additional sensors, it offers the capability to monitor air for other contaminants that may be present in poor-quality ambient air.

The Airtrack™ works real time constantly monitoring air quality and contains a built in audible and visual alarm and separate audible alarm output which can be used to integrate with a remote alarm or shutdown associated plant such as a compressor. 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 conveniently to a USB drive.

The Airtrack™ can also be connected to the Airtrack PC app which will allow settings and alarm levels to be changed, allow test reports to be generated. With its bump test mode verification of the sensor accuracy can be achieved.

Airtrack™ Compressed Air Quality

Where air is used for high purity applications such as breathing air, it is essential that a compressor generates consistently good air. The Airtrack™ can be used as a portable tester, or as a fixed monitor for breathing air to ensure that it meets either EN12021 requirements or Grade D for purity. Airtrack™ can be used for compressed air systems between 2 and 10 bar, or if high pressure testing up to 300 bar is required, a separate reducer accessory is available.

In addition to the Airtrack compressed air quality standard version, a Lite version is available which just monitors for Oxygen, Carbon Monoxide and Carbon Dioxide and an enhanced version featuring a photo ionisation detector which measures for oil in compressed air. Sensors can be customised should unusual gases such as Nitrous Oxides be required to be monitored.





Airtrack in fixed compressor application



Airtrack in portable application



Airtrack™ Environmental Version

The Airtrack™ Environmental versions are designed to monitor gases in hazardous areas such as confined spaces, and can be used as mobile area gas detection. A diffusion version allows for passive monitoring of gases, and the pumped version will allow up sampling through a hose up to 30 metres in length.

Airtrack™ Special Version

The Airtrack Special version allows not only the standard range of Airtrack sensors, but for a huge variety of sensors to be deployed with 6 additional 4-20ma channels. Pressure, Temperature, Flow, Air Velocity and Atmospheric Pressure are a few of the sensors available with Airtrack Special.





Accessories



Remote alarm beacon



High pressure regulator



Calibration kit



Explorer carry case



Wall mount bracket



PC app and communication module for modifying settings



AIRTRACK PART NUMBERS AND CONFIGURATION

AIRTRACK STANDARD COMPRESSED AIR QUALITY VERSIONS COMPLETE WITH SENSORS

20056	AIRTRACK COMPRESSED AIR STANDARD O2-CO-CO2-DEW-OIL
20062	AIRTRACK COMPRESSED AIR PID O2-CO-CO2-DEW-PID
20066	AIRTRACK COMPRESSED AIR LITE O2-CO-CO2-OIL

AIRTRACK STANDARD COMPRESSED AIR QUALITY EXCLUDING SENSORS

20067	AIRTRACK COMPRESSED AIR - EXCLUDING SENSORS
-------	---

AIRTRACK ENVIRONMENTAL VERSIONS

20057	AIRTRACK DIFFUSION - EXCLUDING SENSORS
20058	AIRTRACK PUMPED - EXCLUDING SENSORS

AIRTRACK SPECIAL VERSION

20065	AIRTRACK SPECIAL PUMPED - EXCLUDING SENSORS
-------	---

AIRTRACK MODEL BASE UNIT	CHANNEL 1	CHANNEL 2	CHANNEL 3 - IR	CHANNEL 4	CHANNEL 5	CHANNEL 6	CHANNELS 7-13	EXAMPLE: Sensors listed after an Airtrack - the following is an Airtrack Special Pumped with O2 and CO sensors
SENSOR OPTION 1	10266 O2 - OXYGEN	10267 CO - CARBON MONOXIDE	10268 CO2 - CARBON DIOXIDE	10271 DEW- DEWPOINT	10291 OIL - OIL IMPACTOR	11483 - 4ppm / 11484 - 40ppm / 11483 - 4000ppm PID - PHOTO IONISATION	INDEPENDENT 4-20MA SENSORS FROM SPECIAL RANGE	1 X 20065 AIRTRACK SPECIAL PUMPED 1 X 10266 O2 SENSOR 1 X 10267 CO SENSOR
SENSOR OPTION 2		H2S - HYDROGEN SULPHIDE	CH4 - METHANE FLAMMABLES					
20067 - AIRTRACK COMPRESSED AIR, NO SENSORS	✓	✓	✓	✓	✓	✓		✓ = Available on this model of Airtrack
20057 - AIRTRACK DIFFUSION NO SENSORS	✓	✓	✓			✓		
20058 - AIRTRACK PUMPED NO SENSORS	✓	✓	✓			✓		
20065 - AIRTRACK SPECIAL PUMPED, NO SENSORS	✓	✓	✓	✓	✓	✓	✓	

ACCESSORIES/PARTS

20068 - EXPLORER CASE WITH FOAM INSERT FOR AIRTRACK	20069 - AIRTRACK WALL MOUNT BRACKET WITH INTERFACE BRACKET	20070 - AIRTRACK CALIBRATION KIT
20071 - SAMPLING HOSE KIT 30M	12332/12333 - PRE FILTER/MAIN FILTER FOR PUMPED VERSIONS	20074 - AIRTRACK SETUP SOFTWARE - INCLUDES PC APP AND COMMUNICATION MODULE
20072 - HIGH PRESSURE REGULATOR ASSEMBLY, FOR COMPRESSED AIR UP TO 300 BAR	20073 - REMOTE ALARM BEACON (AUDIBLE AND VISUAL) 20M CABLE	10291 - OIL IMPACTOR



SPECIFICATION

CASE	FIBRE REINFORCED NYLON IMPACT PLASTIC
SIZE	290H X 290W X 110D (MM)
WEIGHT	4.25 KG
SUPPLY PRESSURE (COMPRESSED AIR)	2-10 BAR
MINIMUM SUPPLY FLOW	0.5 LPM
TOUCH SCREEN	YES
POWER SUPPLY	240V/110V TO USB C CONNECTION
BATTERY	LI-ION RECHARGEABLE
DATA LOGGING	28,800 ENTRIES
CERTIFICATE GENERATION	YES
ALARM	YES
BATTERY DURATION	12 HOURS PUMPED, >24 HOURS DIFFUSION/AIR QUALITY
INGRESS PROTECTION	IP66
PC INTERFACE	ETHERNET
OPERATING STANDARDS	EN12021, CGA G-71 (GRADE D)
OPERATING TEMPERATURE	-10 TO +60 °C
OPERATING HUMIDITY	0-99% RH



www.lunosystems.com

...TRUST IS EVERYTHING

