

Transair® Condition Monitoring System For Compressed Air

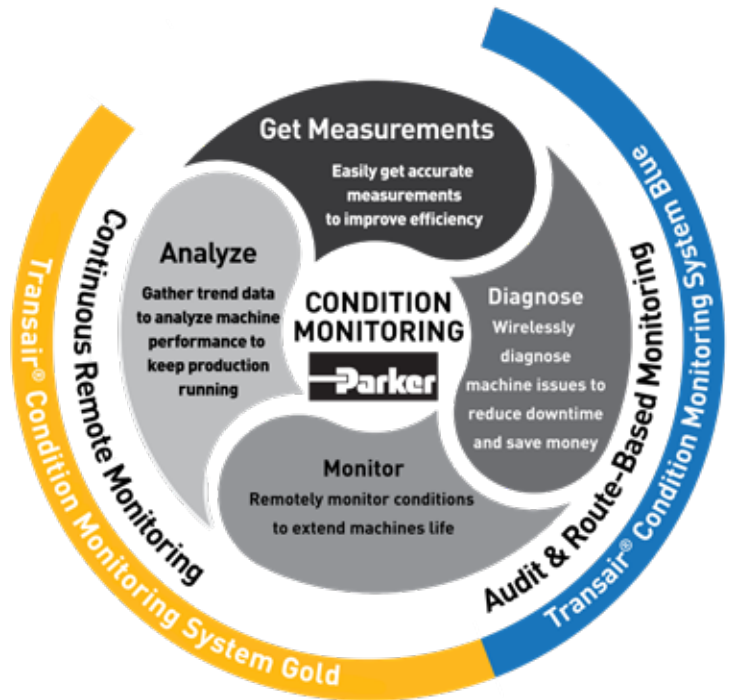
TCMS™ Blue - Bluetooth Version - European Market



ENGINEERING YOUR SUCCESS.

Transair® Condition Monitoring System: TCMS™ Overview of the System

A complete range of wireless sensors combined with the Transair® system for state monitoring of a compressed air system, from the compressor room to machinery and equipment.



2 complementary but independent solutions:



TCMS™ Gold for Continuous and Remote Monitoring of Installations

The system **centralises** information from radio frequency sensors, in **real time**, which can be consulted at any time and in any place via an interface to enable you to make the right decisions to **proactively** manage your compressed air system.



TCMS™ Blue for Instant On-Site Measurement

The system makes it possible to collect data from **Bluetooth sensors**, on site, using a mobile device (tablet or smartphone), thanks to a dedicated application, in order to carry out the field surveys necessary for maintenance.

TCMS™ Blue - Advantages and Benefits



- Wireless sensors
- Easy to install plug & play system
- Precise and direct reading
- Data backup and sharing
- Visual management

- Low cost of implementation
- Prevention of dangerous errors
- Improving work efficiency
- Participation in peace of mind
- Contributing to the achievement of ISO 50001

TCMS™ Blue:

A **Bluetooth** wireless sensor solution for the **instantaneous** measurement, **on site**, of your compressed air networks

Concept

Wireless sensors for compressed air networks intended for **audit** and **field diagnosis**

Purpose

Take **immediate corrective** action

Simple and easy to use

Easy sharing and backup of collected data



TCMS™ Blue
Transair® Condition
Monitoring System

TCMS™ Blue System Architecture



Technical Data of the TCMS™ Blue System

- Standalone, wireless solution
- Works with Voice of the Machine™* application



*VoM: free app

- **Measurements:** pressure, temperature, humidity
- **Dew point** calculation
- One sensor per physical measured quantity
- **Ready-to-install**
- Sensors with 8 mm push-to-connect technology
- Measuring interval: from 1s to 120s

- For compressed air
Pressure: 0 to 16bar
Temperature: -40°C to +85°C
(for vacuum and neutral gas, please contact us)

- Bluetooth broadcasting up to 25m (open space)

- **Certifications :**



- IP 65
- **1-year warranty**

TCMS™ Blue Air Audit Kit

The Smart Wireless Solution to Conduct your Air Audit Process

The TCMS™ Blue Air Audit Kit is the essential tool to quickly conduct your compressed air network diagnostics on site.

Developed for the Transair® system, the sensors are adaptable to other systems thanks to accessories provided in the case.



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