



RALPH WILCE

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BARTEC AUTO ID – BARTEC EMISSIONS



BARTEC EMISSIONS is part of the **BARTEC AUTO ID LTD** group of companies

The Experts in TPMS and Emission Monitoring

Delivering on-road tyre safety and real-world emissions compliance.



Note: real-world emissions could refer to all sectors including on-road, non-road, Industrial and marine

BARTEC GROUP OF COMPANIES



BARTEC
AUTO ID



BARTEC
EMISSIONS



BARTEC
GERMANY



BARTEC
USA



BARTEC
CHINA



Protea

technology leadership
in measurement solutions



BARTEC AUTO ID

Bartec Auto ID's principal activities have historically been developing and manufacturing Tyre Pressure Monitoring Systems (TPMS) for the automotive industry, including OEM and aftermarket, and developing waste management systems for domestic and trade waste.

The company has added emissions monitoring analysers and systems, extending its range of aftermarket tools through historic acquisitions and new R&D investments. The in-house development of particle number counting technology has become a core focus, with the new nano Emissions Counter (nEC) designed to meet regulatory requirements for DPF & GPF control as part of periodic technical inspection (PTI/MOT) and for NRMM.



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EMISSIONS

- Extractive CEMs
- In-Situ CEMs
- Portable Emissions Analysers
- Emissions Monitoring Equipment
- Emissions Applications
- Emissions Reporting Software

MARINE

- Marine Emissions Analysers
- Marine Requirements

APPLIED TECHNOLOGIES

- FTIR Gas Analysers
- IR Gas Analysers
- UV Gas Analysers
- FID Total VOC
- TDL Gas Analysers
- Hazardous Area Gas Analysers
- Zirconia Sensor
- QMS Gas Analysers
- Residual Gas Analysers
- Analytic Software
- Innovation

Emissions DAHS

Data Acquisition and Handling Systems (DAHS)

Extractive CEMs



Systems such as the atmosFIR CEM are fully compliant extractive CEM systems. Protea uses the power of FTIR technology to measure the full range of pollutants from incineration and other combustion processes.

In-Situ CEMs



In-situ Continuous Emissions Monitoring (CEM) analysers are flange mounted to the emissions point, with an in-situ sample cell inserted into the stack.

Portable Emissions Analysers



Portable FTIR and TDL emissions analysers from Protea allow for a wide range of industrial pollutants to be measured periodically or as a back-up to existing CEM systems.



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BARTEC AUTO ID – nEC nano Emissions Counter for PN-PTI





Durable, minimal maintenance and fully traceable year after year

FOCUS

- Durability
- Low maintenance
- No recalibrations
- 5-year warranty (subject to accredited periodic inspection)



FUNCTIONALITY

- Standalone with intuitive colour touch screen display
- Country specific automatic test procedures
- Heated hose up to 4m
- Connectivity
- Emission diagnostics including EOBD and over range to 15 million #/cm³ or higher for bespoke applications
- Data capture
- Official test reports
- Supplied in local languages with relevant type approvals



Type approved for automotive or non-road mobile machinery needs



- METAS (CH)
- NMi (NL)
- PTB (pending)





Why the nEC?

- Standalone with the latest advanced diffusion technology to provide durability and traceability with minimal maintenance year after year.
- No recalibrations, just a subsequent verification check in accordance with local standards.
- Tested in the harshest of environments.
- Future proof for gasoline applications.
- Piece of mind with guaranteed low cost of total ownership.

ANY QUESTIONS

