



nEC
Nano Emissions Counter

Particle counter for the emissions test

Thanks to Advanced Diffusion Charging Technology, the Bartec Particle Counter nEC is your reliable partner for particle number measurement in vehicles first registered with wall flow DPFs.

Based on 28 years of experience in the field of diagnostic equipment, Bartec has once again developed a reliable, precise and robust device for everyday workshop use.

In contrast to other technologies (CPC), using inflammable & toxic operating fluids can be avoided. Short warm-up and response times as well as almost maintenance-free operation with no calibration required make the Bartec particle counter nEC the perfect diagnostic device for everyday workshop use.

If required in the future, the Bartec nEC can also be converted for petrol vehicles.



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TECHNICAL DATA

- Measurement range: 5.000 – 5.000.000 /cm³
- Particle size: 23 - 200nm
- Warm-up time: <3min
- Dimensions: 550mm x 350mm x 260mm
- Weight: approx. 16kg

APPROVALS

- METAS (SWISS) CH-K4-23008-00
- PTB (Pending)
- NMi (Pending)

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EASY:

- Intuitive operation via touchscreen
- Automated test protocol in line with legislation plus full emissions diagnostics
- Smart test function (zero air test)
- Wireless OBD allows measurement of RPM and Engine Temperature
- Automatic daily leak test, filter and calibration reminders

PERFORMANCE

- Short warm-up time
- Low maintenance without the need for recalibrations
- Limited consumables (no fluids required), only filter replacement
- Minimal maintenance

QUALITY

- Robust design
- Durable materials, solid construction
- Fixed calibration for long-term traceable measurements

FUTURE

- Suitable for conversion to petrol vehicles

TECHNOLOGY

- Experts in the field of diagnostic equipment since 1994
- Proprietary particle sensor technology from the most experienced in the market
- Data management via USB or Ethernet/WiFi for PDF results download

SERVICE

- Scheduled maintenance and repair
- Well-defined service intervals
- Simple maintenance directly in the workshop by workshop staff (3min effort)
- All-around support: from support hotline and technical service to our own training centre

WARRANTY

- 36 months warranty
- *with maintenance according to Bartec service agreement