

MAHA INNOVATION CENTER

PIONEERING SOLUTIONS FOR THE MEASUREMENT
AND TESTING TECHNOLOGY OF TOMORROW.

THE SUCCESSOR
TO MET
PROTOTYPE
AT THE TRADE
SHOW



MET GT7.0 BASIC

PRECISE FOUR-GAS MEASUREMENT
TO THE LATEST STANDARD.

made by MAHA
 made
in
Germany



PRECISELY MEASURES PETROL CARS' EMISSIONS.

The MET series of emission testers has been the **workshop standard** for years – reliable, tried-and-tested, and with an installed base in thousands of workshops. The new four-gas tester has a brand-new feature: **separate measurement of NO and NO₂**.

There's no way around **measuring NO and NO₂ separately** if you'd like to achieve **NO_x readings that are accurate and reproducible**. After all, only precisely measured NO_x concentrations produce a correct test result.

The **MET GT7.0 BASIC** conducts precise measurements, delivers **reliable test results** – and remains **competitively priced**. It's a **workshop unit** – **without a laboratory price tag**.

NO_x MEASUREMENT. WHY IT COUNTS NOW.

A vehicle can pass the standard emissions test and still emit too much nitrogen oxide – due to exhaust aftertreatment systems that are either old or have been tampered with. That is precisely why NO_x measurement is becoming increasingly important in periodic vehicle inspections, especially in Europe. The EU is planning to integrate direct NO_x measurement more closely into emissions testing, to enable more reliable monitoring of real-world emissions.

Testing centres and workshops thus require measurement technology that captures NO_x emissions in addition to performing the traditional emissions test. NO_x measurement is becoming an integral part of legally compliant testing processes – in Europe initially, and with growing interest worldwide. The new four-gas tester brings this measurement depth along with it – turning a future requirement into a genuine, present-day advantage.



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MET GT7.0 BASIC. PRECISE FOUR-GAS MEASUREMENT TO THE LATEST STANDARD.



Four gases plus NOx.

The standard four-gas measurement covers O₂, CO, CO₂ and HC. The unit measures NO and NO₂ separately as an option – they are not mathematically estimated.



At home in the workshop.

Data sent via Bluetooth or USB. Calibration and maintenance: quick and easy.

TWO GASES. TWO READINGS.

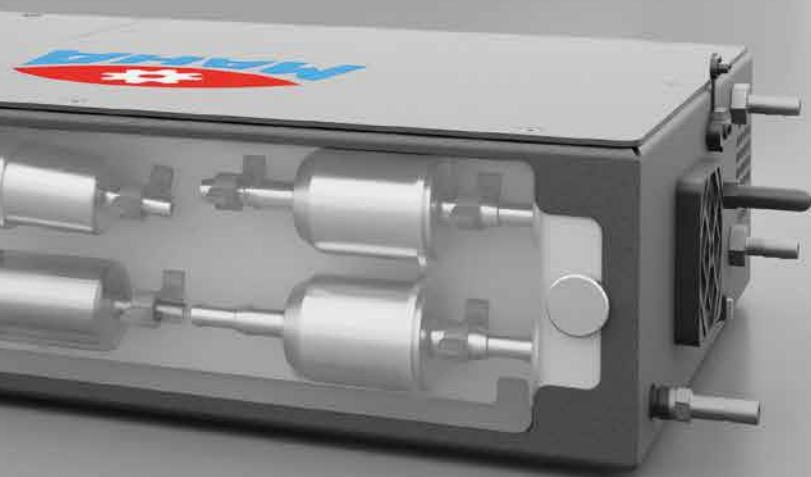
The ratio of NO to NO₂ cannot be converted using a constant factor – especially not in the case of modern petrol vehicles (including GDI and TGD systems). That is why the MET GT7.0 BASIC measures both concentrations separately. This is the only way to reliably detect malfunctions and tampering in exhaust aftertreatment systems. So test results are based on readings that hold up on re-inspection.

LOW-MAINTENANCE SENSORS.

The sensor units require minimal maintenance – and you can acquire services such as spare parts acquisition through the existing MAHA network.

FAMILIAR OPERATION. EFFORTLESS MAINTENANCE.

The unit runs on the proven MAHA Emission Software (MES) – making it easy and efficient to use. The new housing concept makes operation and maintenance more accessible.



THE TECHNOLOGY AT A GLANCE.

O₂, CO, CO₂ AND HC WITH LAMBDA VALUE CALCULATION.

The new NDIR measuring bench measures emissions with a high level of accuracy – and meets the requirements set out in OIML R99 for accuracy class 00. Only a few solutions available on the market actually achieve this accuracy class. We prove it, rather than just claiming it.

NO AND NO₂ MEASURED SEPARATELY.

The unit measures NO and NO₂ nitrogen oxide concentrations individually – they are not mathematically estimated. That makes the readings precise, and the testing process fit for future requirements.

DISPLAY & CONNECTIVITY.

The integrated display shows the unit's status at a glance. The unit transfers data wirelessly via Bluetooth, or by cable via USB.

LOW MAINTENANCE AND SERVICE REQUIREMENTS.

The new four-gas tester is low-maintenance, and service requirements remain minimal. Both calibration and adjustment are quick and hassle-free – even during ongoing operation.

NEW MET7 SERIES OF UNITS.

The unit runs on the proven MAHA Emission Software (MES) – making it easy and efficient to use. The new housing concept makes both operation and maintenance noticeably easier.

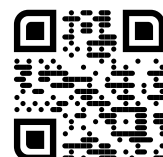
TIMING

2026
PROTOTYPE AT AUTOMECHANIKA,
FEEDBACK PHASE

2028
SOP



MAHA SE & Co. KG
Hoyen 20
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