

# EMISSION MEASUREMENT TECHNOLOGY EMISSION TESTER

**MCT T**  
VP 135225



## MCT T VP 135225

The combination tester on trolley is designed for the measurement of petrol- and diesel-powered vehicles. In addition, low weight, compact design and short warm-up time ensure easy handling.

### PRODUCT DETAILS/ACCESSORIES

#### Description:

- Short warm-up time ensures rapid readiness for measurement
- precise analysis of gas components HC, CO, CO<sub>2</sub>, O<sub>2</sub> with lambda value calculation
- Time-saving and trouble-free testing and diagnosis of smoke opacity/particle concentration w. partial flow method during free acceleration or under load of engine
- Rapid emission test procedure
- Intuitive operation, clear emission test structure
- Maintenance-friendly thanks to easy accessibility
- Future-proof with cutting-edge technology

#### Scope of delivery:

- Gas analyser basic device in high-quality metal casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 6000 mm Sondenschlauch
- Opacimeter basic device in high-quality plastic casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 2000 mm probe hose
- Bluetooth interface, USB connection optional
- AUX 2000, incl. magnetic sensor and oil temp. sensor 1000 mm
- Condensate bottle 500 ml
- Trolley

### TECHNICAL DATAGAS ANALYSER

|   |  |
|---|--|
| Measurement principle:                                |  |
| infrared spectrometry                                 | HC, CO, CO <sub>2</sub>                  |
| Measurable gases                                      | HC, CO, CO <sub>2</sub> , O <sub>2</sub> |
| Electrochemical detection                             | O <sub>2</sub>                           |
| Operating conditions:                                 |  |
| Temperature   | 5°C to 40°C                              |
| Power supply  | 110-230V 50/60 Hz                        |
| Accuracy class  | 0 (OIML)                                 |
| Dimensions (L x W x H)                                | 344 x 252 x 85 mm                        |
| Weight  | approx. 2.2 kg                           |
| Measurement range / measured value resolution (max.): |  |
| CO  | 0-15 % Vol. / 0.01                       |
| CO <sub>2</sub>                                       | 0-20 % Vol. / 0.01                       |
| HC  | 0-9999 ppm / 0.1                         |
| O <sub>2</sub>  | 0-25 % Vol. / 0.01                       |
| Lambda (calculated)                                   | 0.5-9.99 / 0.01                          |

# EMISSION MEASUREMENT TECHNOLOGY EMISSION TESTER

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|   |                        |
|---|------------------------|
| Measurement principle                   | absorbance measurement |
| Operating conditions:                   |                        |
| Temperature                             | 5°C to 40°C            |
| Power supply                            | 110-230V 50/60 Hz      |
| Dimensions (L x W x H)                  | 395 x 136 x 285 mm     |
| Weight .                                | approx. 3.5 kg         |
| Maximum exhaust gas temperature         | 200°C                  |
| Measuring range, opacity                | 0-99.9%                |
| Resolution, opacity                     | 0.1%                   |
| Measuring range, absorption coefficient | 0-9.99 m-1             |
| Resolution, absorption coefficient      | 0.01 m-1               |

## ACCESSORIES

|           |  |                              |   |
|-----------|--|------------------------------|---|
| VZ 911387 | Country module Combi MCT T Germany             | VZ 990507                    | Oil Temperature Sensor lenght 1600 mm                     |
| VZ 911394 | Country module Combi MCT T Netherlands         | VZ 911449                    | MAHA OBD Tool 1000 (Bluetooth) wireless OBD module        |
| VZ 911403 | Country module Combi MCT T Slovakia            | VZ 911468                    | OBFCM data reading acc. to EU regulation 2021/392         |
| VZ 911410 | Country module Combi MCT T Portugal            | VZ 990535                    | USB connection module for MO/MCT, 10 m cable with adapter |
| VZ 911426 | Country module Combi MCT T Austria             | <b>SUPPLEMENTARY CHARGES</b> |   |
| VZ 911430 | Country module Combi MCT T Switzerland         | VT 998187                    | Transport Werkverkehr -SÜDAbgasmessgerät M4GT, MO, MCT    |
| VZ 911438 | Country module Combi MCT T Finland             | VT 998188                    | Transport Werkverkehr -NORDAbgasmessgerät M4GT, MO, MCT   |
| VZ 911447 | Country module Combi MCT T France              |                              |   |
| VZ 911419 | Country module Combi MCT T INTERNATIONAL       |                              |   |
| VZ 911434 | Integration MES für MCT MAHA Emission Software |                              |   |
| VZ 980046 | Exhaust Probe f. Cars & Trucks length 4000 mm  |                              |   |