

# EMISSION MEASUREMENT TECHNOLOGY EMISSION TESTER

**PARTICLE COUNTER**  
VP 135046



## PARTICLE COUNTER VP 135046

With the PARTICLE COUNTER emission tester, you can really count every particle. Compact, rugged design, clearly readable display, rapid readiness for measurement and precise measurement results are the distinguishing features of the MAHA particle counter.

### PRODUCT DETAILS/ACCESSORIES

Description:

- Advanced Diffusion Charging measurement principle
- Particle counter with integrated display unit
- Time-saving and simple examination and diagnostics of particle count via partial flow method
- Low maintenance
- No consumables
- USB and Bluetooth interfaces
- Heat-up time 4 min.
- DAkks-conform calibration acc. to ISO 17025 via EWR MESSGERÄTE GmbH

Options:

- Connection to MES 7.51 (for Germany)

Scope of delivery:

- Basic particle counter unit in high-quality metal casing
- Integrated display unit with keypad
- USB interface
- Bluetooth interface
- Packaging included

### TECHNICAL DATA

Measurement principle	Advanced Diffusion Charging
Heat-up time of measurement cell	240 s
Dimensions (LxWxH)	505 x 210 x 310 mm
Weight	approx. 8.5 kg
Power supply	110-230 V/50/60 Hz
Measurement range	0...10.000.000 #/cm <sup>3</sup>
Volatile particles	Removing Efficiency > 95%
Efficiency	23nm 5%: 0.2 - 0.6
	50nm 5%: 0.6 - 1.3
	70nm 5%: 0.7 - 1.3
Error (absolute)	10000#/cm <sup>3</sup>
Error (relative)	75% (of measured value)
Measurement frequency	1 Hz

### ACCESSORIES

VZ 911450 Country module Particle Counter Germany

VZ 911451 Country module Particle Counter Switzerland

VZ 911455 Country module Particle Counter Switzerland

VZ 911466 Country module Particle Counter Sweden

VZ 911467 Country module Particle Counter Sweden

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VZ 911452 Country module Particle Counter  
INTERNATIONAL

VZ 911453 Software module AU emission testing procedure  
for Germany acc. to Guideline 6 (licensed)

VZ 911065 Software Target Data for AU I, AU II Emission  
Testing Proced. with OBD, via Download

VZ 911449 MAHA OBD Tool 1000 (Bluetooth) wireless OBD  
module

## **SUPPLEMENTARY CHARGES**

VM 996062 On-Site Assembly of One Emission Measuring  
Chamber and Short Instructions

VT 998185 Internal transport -SOUTHParticle counter

VT 998186 Internal transport -NORTHParticle counter

VM 995788 DAkks calibration acc. to DIN 17025 (Germany)  
incl. servicing for PARTICLE COUNTER