

AVL DiTEST Counter

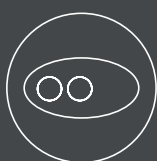


Figure: May be subject to change

FAST AND RELIABLE MEASUREMENT TECHNOLOGY

TECHNOLOGY EXPERTISE

- › 15 years of experience in automotive particle concentration measurement
- › In-house development of all core components & calibration procedures – therefore independent throughout the entire supply chain
- › Future-proof – also prepared for petrol vehicles

SERVICE

- › M2M connection – scheduled maintenance & repair
- › Established 24 hr exchange service – guarantees maximum device availability
- › Service process from one source directly from the manufacturer

Everything
from one source
from the tech-
nology leader
AVL DiTEST

PRODUCT PERFORMANCE

- › Short set-up time < 5 minutes
- › Robust construction – highest device availability
- › Low maintenance – no toxic operating media
- › AVL DiTEST DSS, a single user interface for all emissions testing processes

MANUFACTURING

- › Technology approved in Germany, in Switzerland and in the Netherlands
- › Series delivery already started

AVL DiTEST Counter



The new, strict emission testing legislation in Germany requires particle concentration measurement for EURO 6/VI diesel vehicles. The AVL DiTEST Counter enables you to comply with this new legislation efficiently and precisely. Based on years of experience, AVL DiTEST has developed all the core components of the Counter itself.

The future-proof measuring principle **Advanced Diffusion Charging** (electrical charging of particles) facilitates a robust construction and integration into the MDS amobile case. In contrast to other technologies, there is no need for a toxic operating medium. The product also features fast measurement availability, accurate particle counting over a short period of time and low maintenance to facilitate your daily use in the workshop. If required in the future, you can also test petrol vehicles using the AVL DiTEST Counter. The technology used has been approved in Germany, in Switzerland and in the Netherlands and series delivery has already started.



Figure: May be subject to change

PRODUCT BENEFITS IN DETAIL

SIMPLE AND EFFICIENT

- › AVL DiTEST DSS, a single user interface for all emissions testing processes
- › Self-explanatory and clear operation
- › Smart test functions (legally required zero air test)
- › Specially developed for retrofitting in the MDS mobile case

PARTICLE MEASUREMENT AS A CASH COW

- › Short set-up time, ready for use at all times
- › Maximum device availability
- › Particularly short measurement procedure
- › No liquid operating medium
- › Low maintenance

HIGH STANDARD OF QUALITY

- › Robust construction for daily use in the workshop
- › Durable materials, solid construction

FUTURE-PROOF TECHNOLOGY

- › Also prepared for petrol vehicles

APPROVAL

- › AVL DiTEST Counter technology approved by the official German, Swiss and Dutch measurement institutes
- › Series delivery started

TECHNICAL DATA	
Measurement range	0–10,000,000 cm ⁻³
Particle size	20–300 nm
Warm-up time	< 4 min.
Power supply	100–230 V
Size	496 x 210 x 309 mm (L x B x H)
Weight	approx. 8,6 kg (excl. exhaust probe)
Interface	USB 2.0, Bluetooth

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[AVL DiTEST Counter information platform](#)

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