

Fast and reliable measuring technology.

AVL DiTEST COUNTER

The new, strict AU legislation requires a changed measurement principle to measure the number of particles during the periodical technical inspection. With the AVL DiTEST Counter you can carry out particle measurement efficiently. The measuring principle "Advanced Diffusion Charging" (electrical charging of particles) and the robust construction enables fast measuring availability without consumables, an exact particle count in a short time and continuous measurements in all-day continuous operation. If required in the future, you can also check petrol vehicles with the AVL DiTEST Counter.



Subject to alteration

AVL DiTEST COUNTER

PRODUCT ADVANTAGES

Simple and efficient

- Self-explanatory and clear operation
- Efficient measurement process

Particulate measurement as cashcow

- Fast measurement availability, ready for use at any time
- No downtime
- Shortest measuring procedure
- No consumables
- Low maintenance

High quality standards

- Robust construction for everyday workshop work
- Durable materials, solid workmanship

Futureproof technology

- Suitable for petrol vehicles

COVERS ALL APPLICATIONS

- PC-guided measuring procedure for PTI test centers
- Stand-alone application through integrated display

TECHNICAL DATA

VARIOUS	
Initial warm up time	< 10 min (afterwards ready to use at any time)
Operating temperature	5 ... 40 °C
Storage temperature	0 ... 50 °C
Humidity	10 ... 90 % non condensing
Ambient pressure	860 ... 1060 hPa
POWER SUPPLY	
Power supply	100 ... 230 V
SIZE AND WEIGHT	
AVL DiTEST COUNTER	43 x 19 x 25 cm (L x W x H)
Weight	Approx. 8 kg
INTERFACES	
USB cable	USB 2.0
Wireless	Bluetooth
MEASURING RANGE	
Particle size	20 ... 300 nm
Measuring range	1000 ... 10.000.000 #/cm ³
Volatile particles	Removing efficiency > 95%
Efficiency*	23nm ± 5%: 0,2 – 0,6
	50nm ± 5%: 0,6 – 1,3
	80nm ± 5%: 0,7 – 1,3
Error (absolute)**	25000 #/cm ³
Error (relative)**	± 25%
Measuring frequency	1 Hz

** N-PTI = Dutch legislation