AVL DITEST SPEED 2000

Technical data	
Power supply	12V DC, 350 mA
Signal input	AVL DITEST dual sensor for air borne and structure borne noise (constantly, analogue recorded and evaluated)
Signal output	Charge signal (clamp-on transducer) Simulation of a clamp-on transducer signal (1100 pC); Digital pulse: 5V TTL-compatible; Inductive pulse: Simulation of an ignition signal for inductive trigger tongs, approx. 150mA amplitude; Interfaces: USB 2.0 Interface;

Measurement values/Detection ranges	Measurement range
Engines	4 stroke Diesel and Gasoline engines
Speed range for Diesel engines	400 ... 6.000 rpm ± 10 rpm
Speed range for Gasoline engines	400 ... 8.000 rpm ± 10 rpm
Speed detection ranges	Passenger cars and Trucks: Idle speed 400 ... 1.200 rpm High speed 1.700 ... 6.000 rpm 4 stroke motorbikes: Idle speed 600 ... 1.800 rpm High speed 2.200 ... 8.000 rpm 2 stroke motorbikes: Idle speed 900 ... 2.200 rpm High speed 1.800 ... 8.000 rpm
Overall likely accuracy	stationary speed range ≤ 3% dynamic speed range ≤ 10%

Operating temperatures/Protection class	
Operating temperature	AVL DITEST Speed 2000: +4 ... +40 °C AVL DITEST dual sensor: 0..65°C (magnetic plat: -20..125°C)
Storage temperature	-20 ...+60 °C
Humidity	10 ... 90 % non-condensing
Protection class	AVL DITEST Speed 2000: IP31 AVL DiTest dual sensor: IP54

Dimensions / Weight	
Dimensions	234 x 128 x 48 mm (length x width x height)
Gewicht	AVL DITEST Speed 2000: 0,52 kg AVL DITEST dual sensor: 0,38 kg