



AVL DISPEED 490

UNIVERSAL SPEED MEASUREMENT FOR DIESEL AND
PETROL ENGINES

AVL
D I T E S T



BLUE POWER FOR A BLUE PLANET

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UNIVERSAL SPEED MEASUREMENT FOR DIESEL AND PETROL ENGINES

- NO SETTINGS REQUIRED FOR ENGINE CONFIGURATION
- PERFECT COVERAGE FOR PETROL AND DIESEL ENGINES
- FOR STATIC AND DYNAMIC SPEED MEASUREMENTS
- SELF CALIBRATING AND AUTOMATIC FUNCTION MONITORING
- EASY MOUNTING DUE TO AN INTEGRATED PERMANENT MAGNET
- UNIVERSAL, CONNECTABLE TO ANY EXHAUST GAS TESTER
- UNIQUE DIRECT SPEED MEASUREMENT

TECHNICAL DATA:

Engine:	4 stroke diesel- and petrol-engines
Signal inputs:	combined AVL sensor for air borne and structure-borne noise
Signal outputs:	charge signal - simulation of clamp-on transducer signals digital pulse - 5V TTL compatible inductive pulse - simulation of an ignition signal
Power supply:	12 V DC, 350 mA Integrated power supply, when connected to AVL tester
Operating temperature:	5 ... 45 °C
Dimensions (w x h x l):	230 x 50 x 190 mm
Weight:	< 2 kp CE

MEASUREMENT DATA:

	Measurement Range	Resolution
Speed range petrol engines:	400 ... 8 000 rpm	10 rpm
Speed range diesel engines:	400 ... 6 000 rpm	10 rpm

ACCESSORIES*:

Display

*Scope of supply and complete list of accessories on request



The AVL-Group the world's largest privately-owned and independent company for development and powertrain engineering, as well as instrumentation and test systems stands for the expertise of more than 50 years in development.

The corporate concept is vehicle support during the whole life cycle. Within this concept, AVL DiTEST equips workshops and test centres with test systems and diagnostic tools of the highest quality. At the core of the company's philosophy is leadership in technology and quality, perfect service as well as a worldwide presence. The success of our products in more than 50 countries is proof of the consistent implementation of our philosophy.

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