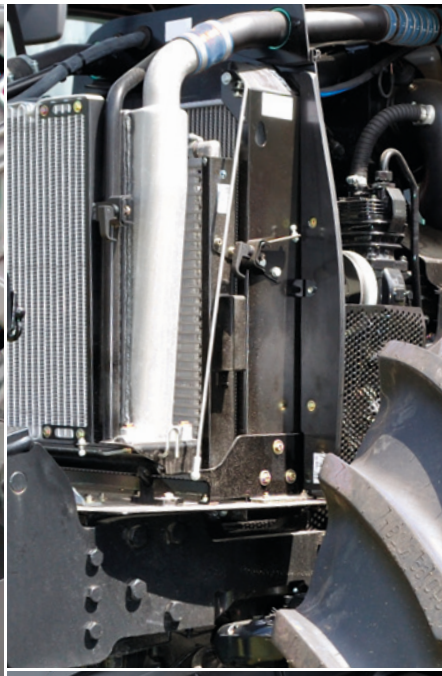
AVL DITEST

The next round.
Revolution counters – the new generation.

AVL DITEST SPEED 2000

Universal rotation speed measurement

FUTURE SOLUTIONS FOR TODAY



Every engine drives us forward

UNIVERSAL APPLICATION FOR CARS, HGVS AND MOTORCYCLES

The AVL DITEST SPEED 2000 is the simplest, fastest and completely universal option for measuring engine speed in petrol and diesel engines, whether statically or dynamically. The combi sensor for monitoring speed (which measures vibration and engine noise) is fitted on or near the engine using a magnetic base. The measurements of mechanical vibrations (vibrations of the engine) and airborne sound (engine noise) are then used to detect the speed. It was the development of unique evaluation software that first made it possible to carry out highly dynamic evaluations of engine speed with precision. It is just as simple with motorcycles, whether 4-stroke or 2-stroke engines.

AVL DITEST SPEED 2000

A SUCCESS STORY CONTINUES.

The AVL DITEST SPEED 2000 offers the simplest, fastest and completely universal option for measuring engine speed. As a universal speed measurement module, this product is used worldwide for determining the speed of combustion engines to the complete satisfaction of our customers. The AVL DITEST SPEED 2000 is build on the success of the AVL DiSpeed 492, which has proven itself over many years.

AVL DITEST COMBI SENSOR

INNOVATIONS: CUSTOMER REQUESTS CONSISTENTLY IMPLEMENTED

The design of the new AVL DITEST SPEED 2000 has been adapted by the functional requirements of our customers. The AVL DITEST SPEED 2000 is supplied with modes for cars/HGVs as well as 2-stroke or 4-stroke motorcycles as standard. No additional hardware is required. A mode switch button is fitted in the housing as standard. It also maintains all existing functionality of the AVL DiSpeed 492. The AVL DITEST SPEED 2000 can also be connected to the AVL DITEST CDS and AVL DITEST MDS systems via USB.

PRODUCT BENEFITS:

- **The simplest:**
  The combi sensor fits easily to the vehicle using its magnetic base.
- **The fastest:**
  Disassembly, manual calibration and laborious setting are things of the past.
- **The completely universal:**
  The AVL DITEST SPEED 2000 can be used on cars, HGVs and motorcycles no matter how many cylinders the engine has.

OVERVIEW OF THE MOST IMPORTANT FUNCTIONS:

- Speed measurement for stationary and dynamic speed curves
- For petrol and diesel engines (best coverage rate)
- No need to set the number of cylinders required
- Simple fitting thanks to integrated permanent magnets
- Automatic self-calibration and function monitoring
- Unique and direct signal reception
- Future-proof, as it is independent of electrical engine signals
- Can be connected to any emission tester

OPTIONAL ACCESSORIES:

A wide range of accessories are available to support your exact requirements.

A selection of our optional accessories:

Display for fitting on
AVL DITEST SPEED 2000 housing.
Order No: BO7098

Power supply for the AVL DITEST SPEED 2000
Input voltage: 230V AC
Output voltage: 12V DC max. 1A
Order No: EU0342

Fitting aid to easily fit the AVL DITEST combi sensor to engines that have no accessible ferromagnetic fitting points.
Order No: BO7185

Adapter for fitting clamp-on transducer cable. A clamp-on transducer signal is simulated based on the engine speed.
Order No: EU1843

Extension cable for AVL DITEST combi sensor
Length: 5m
Order No: BV2113

For more accessories, measuring aids and technical data, visit **www.avlditest.com**

www.kufferath.at

AVL AND AVL DITEST

Using synergies masterfully, securing technical versatility, creating future-oriented perspectives.

Success is contagious. Incomparable technologies capture the vehicles. The dynamic interaction of all pulses and signals is decisive. And the constant development. Because the technical change has never been as dynamic. Speed is important right from the start and correct results will win the race. Our top-priority objective – perfect movement, over the course of the entire life of a vehicle. In this, our weakness for technologies enabling us to masterfully master all requirements is our strength.

PERFORMANCE MOVES.

The systematic research trip into the technical world of automobiles started more than half a century ago. AVL is founded in Graz, Austria. The company is focused on the development of engines, as well as testing and measuring technology

on a grand scale. With the claim of perfection and pole position worldwide. It is understandable that AVL in Graz is the central contact partner for all renowned automobile manufacturers.

FROM THE AVL'S POINT OF VIEW.

Observing the automobile world as a whole – the complete development of a vehicle and the process of securing the error-free, daily use. Within the framework of this guideline, AVL DiTEST takes on the challenge of equipping workshops and test centers with high-tech diagnostic systems on the fast track of technical standard. The result – ideal performance with individual service on the basis of the ground-breaking AVL technology. Know-how from more than 50 years of passion for technology results in unparalleled precision this way.

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