AVL DiTEST

AVL DiTEST proBIKE

SOLUTION FOR NOISE LEVEL MEASUREMENT
ON MOTORCYCLES

PASSION INNOVATES FUTURE

AVLDiTEST.com

A suitable solution for every need

AVL DiTEST offers a range of solutions for performing technical inspections on category L vehicles in accordance with legal requirements. Whether you need a fixed installation or portable unit, we have the perfect solution for you.

As experts in measuring exhaust gas and engine speed in workshop environments, we know what is important to you. Thanks to our unique and exclusive system used for measuring engine speed, we guarantee you the simplest, fastest and, above all, most efficient solution on the market.

THE ADVANTAGES AT A GLANCE:

- Class 2 sound level meter
- Maximum coverage of speed measurement by our unique universal speed sensor
- Quick and easy to use
- Mobile solution that is easy to transport

THE PERFECT SOLUTION FROM AVL DiTEST

AVL DiTEST offers the perfect solution for noise measurement with integrated engine speed measurement for motorcycles and mopeds, both for test centres and for performing mobile inspections out on the road. Thanks to the unbeatable solutions for speed measurement, a stable and, above all, correct speed can be achieved even on notoriously difficult motorcycles and mopeds. Thanks to AVL DiTEST, nothing stands between you and successful vehicle inspections.

AVL DITEST PROBIKE AT A GLANCE

› Fully automatic measurement procedure in accordance with legal requirements
› Certified sound level meter
› Revolutionary solutions for speed measurement as a success factor for achieving reliable measurements

Thanks to our new universal speed sensor supplied as standard, we are able to measure 100% of the vehicle fleet.

Mobile solution

MOBILE SOLUTION

Suitable for performing measurements at different locations, e.g. roadside inspections

› Class 2 sound level meter including calibration device
› Template to ensure correct positioning of the sound level meter
› Sturdy case for accommodating all measuring instruments

STATIONARY SOLUTION

Suitable for measurements in a test centre

› Class 2 sound level meter including calibration device
› Template to ensure correct positioning of the sound level meter
› Trolley for accommodating the speed sensors and the display unit

Stationary solution

COMPREHENSIVE PACKAGE OF SPEED SENSORS – 100% COVERAGE GUARANTEED

Suitable for measurements in a test centre

› Class 2 sound level meter including calibration device
› Template to ensure correct positioning of the sound level meter
› Trolley for accommodating the speed sensors and the display unit

AVL DiTEST Speed 2000 combined vibration and engine speed sensor

Unique engine speed measurement using AVL DiTEST universal sensor

Speed measurement using battery terminals

INTEGRATED TEST PROCEDURE ACCORDING TO FRENCH LEGISLATION

› Based on UN specifications
› Automatic sequence control (two consecutive measurements) and evaluation of the results (OK / NOK)

Integrated test procedure

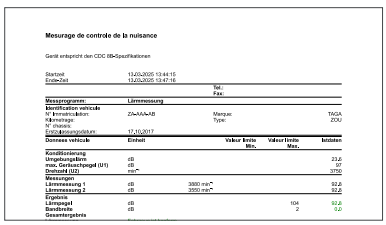
SOFTWARE – USER INTERFACE

› Fast, intuitive measurement according to legal requirements
› Perfect interaction of all necessary components

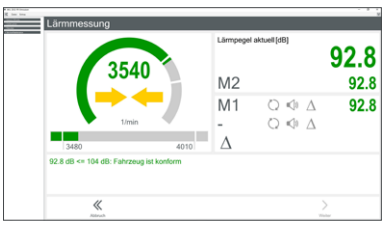
Entry of limit values

Start of the ambient noise measurement

Result of ambient noise measurement



Results report



Noise level measurement at reference speed

Noise level measurement at idle

Published by: Headquarters: AVL DiTEST GmbH
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04/2025. May be subject to change