

MAHA INNOVATION CENTER

PIONEERING SOLUTIONS FOR THE MEASUREMENT
AND TESTING TECHNOLOGY OF TOMORROW.

**STILL IN
DEVELOPMENT**
PILOT CUSTOMERS
WANTED



RADARVECTOR PRO

RADAR SENSOR MEASUREMENT.
WITHOUT LABORATORY EQUIPMENT.

made by MAHA
 made
in
Germany



MOBILE AND DIRECT.

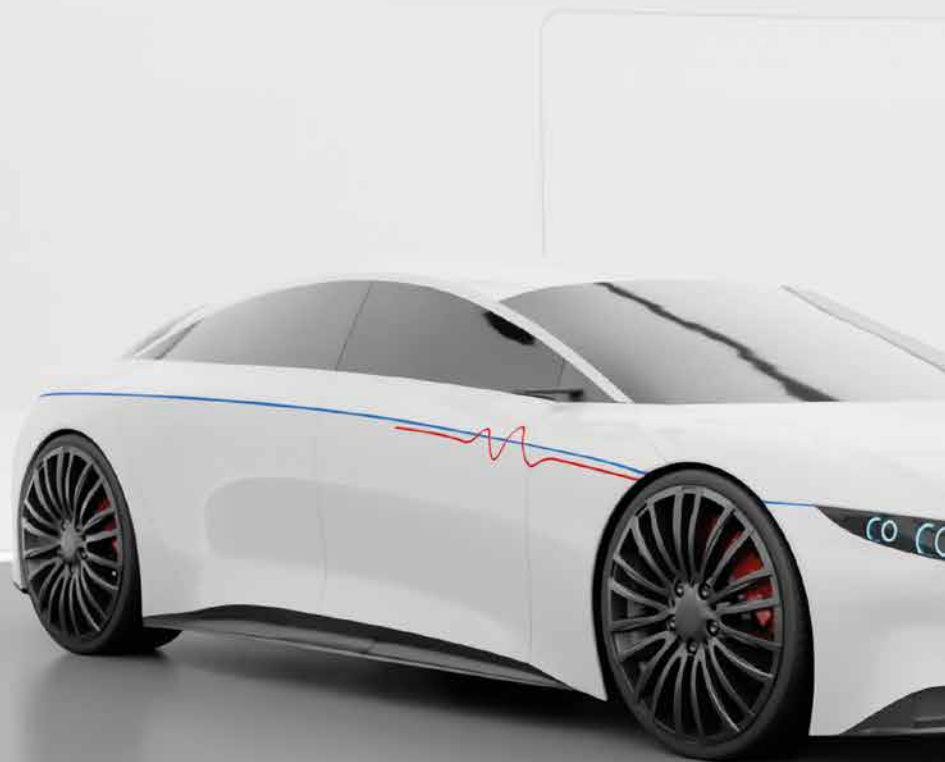
ADAS systems – Adaptive Cruise Control, Emergency Brake Assist, Lane Keeping Assist – are now standard and depend on working radar sensors. Until now, workshop-determination of whether a sensor is still active and functioning more or less correctly has been virtually impossible. Evaluating this sensor function as a first step brings direct added value in terms of vehicle safety.

The consequences: Vehicles with ADAS fault codes are forwarded to the manufacturer. Calibration is performed without first testing whether the sensor is even transmitting.

RadarVector Pro fills precisely this gap in day-to-day workshop operations. **It tests whether the radar sensor is active and is returning a signal – compact, easy to use, directly on the headlight tester.** By design, the device does not perform dynamic object simulation. To ensure the full ADAS functionality works properly in the vehicle, dynamic testing on a test stand is specifically recommended. Doing so is the only way that the system's chain of action can be verified.

WHO IS WORKING WITH IT.

- **Independent workshops and body shops:** Measure the radar sensor status before calibration, rather than making assumptions.
- **Inspection bodies:** Sensor testing as an additional PTI test step.
- **Fleet operators:** Random ADAS sensor checks without the need for a workshop visit.



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RADARVECTOR PRO – RADAR SENSOR MEASUREMENT. WITHOUT LABORATORY EQUIPMENT.

FLEXIBLE NOT FIXED.

No permanent fixed installation: The system moves to wherever testing is taking place in the workshop. When used in conjunction with an existing headlight tester, the hand-held unit facilitates precise and practical alignment with the radar system.

IMMEDIATELY READABLE.

They read signal strength and status in real time: active, weak, inactive.

77 GHZ MEASUREMENT.

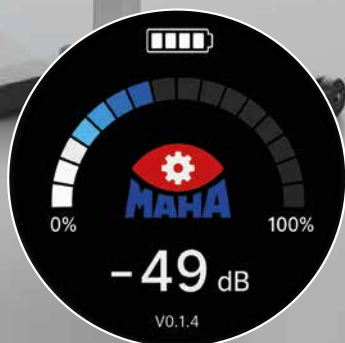
The built-in 77 GHz antenna receives the sensor signal in real time. The device indicates the signal strength and status directly.

NO PERIPHERAL.

No PC, no external software, no network connection – just connect it, switch it on, and start measuring.

ALIGNMENT OPTIONAL.

In conjunction with a headlight alignment tester, you can also test the sensor's geometric alignment – as an extension to the actual function test.



Compact display enables easy and direct readability of relevant values.

THE TECHNOLOGY AT A GLANCE.

77 GHZ SIGNAL MEASUREMENT.

The built-in antenna picks up the sensor signal directly. Not a full simulation, but a functional test relevant to workshop applications.

REAL-TIME DISPLAY.

The display indicates signal strength as a bar graph and the status (active, weak, inactive) immediately after positioning.

NO PERIPHERAL.

No PC, no software, no network connection – just one connection: the power supply.

WORKSHOP SUITABILITY.

Any technician can operate it without any special training. Easy to integrate – in any environment.

ALIGNMENT TESTING.

Geometric sensor alignment – in conjunction with a headlight alignment tester.

APPLICATION AREA.

Independent workshops, body shops, accredited inspection bodies – wherever you come across radar sensors.

TIMING

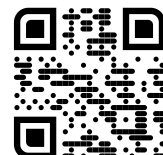
CURRENT STATUS:
CONCEPT PHASE

NEXT STEP:
TECHNICAL PROTOTYPE /
VALIDATION WITH PILOT PARTNERS

TARGET VISION:
PREPARATION FOR A
POSSIBLE MARKET LAUNCH



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