



*Testing the future of driving*

# Testing services



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At AB Dynamics we understand the amount of testing required to achieve the results you need, and the strain on resources in performing complex test programmes. Our testing services division can help you meet the ever-increasing demands in development and pre-assessment automotive testing.

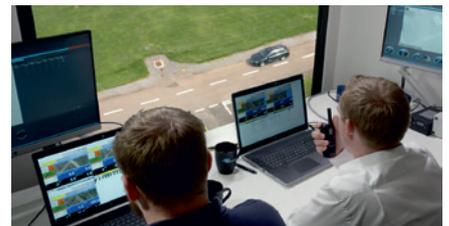
Our robots and test systems have long been adopted worldwide as the first choice for ADAS testing and we provide industry-standard equipment to all Euro NCAP test labs. We have expertise in many types of vehicle testing including consumer, confirmation and development testing, from planning and preparation through to execution, data analysis and reporting.

## Why outsource your testing?

When you're at full capacity, resources are stretched or you have urgent testing needs, our services can alleviate this pressure.

Using our services for arduous and time-consuming testing allows you to cover short-term overcapacity, carry out multiple tests simultaneously and, more importantly, maximise your revenue.

Many organisations lack the necessary facilities or resources to perform the test series, or even the justification for a fully equipped laboratory. These customers come to us for consultation and for small, ad hoc or highly complex testing.



Full scenario assessments / Benchmarking / Industry research / Driverless testing

## Services offered:



### Consultancy

We offer a range of consultancy services. Our experts can present to large audiences on your behalf or work closely with your team in formulating test methods or scenarios for applications specific to your business. Based on our expertise, we can help you influence and advise stakeholders on best practice.



### Training

Our experienced team, which has provided training for vehicle manufacturers, Tier 1 suppliers and all the Euro NCAP test labs, can offer advanced training on our test systems to ensure efficiency is maximised during your testing.



### Testing

From straightforward confirmation testing all the way to highly complex multiple target scenarios, we can support you in achieving your test programme. We can provide a 'turn up and test' service, supplying and operating the test objects only, or, if preferred, control the entire scenario on a customer-supplied test vehicle.

Tel: +44 (0)1225 860 200

## International test standards

Our equipment is used for testing to global standards including Euro NCAP, NHTSA and UNECE, and is compliant to these current protocols.

We work closely with the Euro NCAP laboratories, which means we have the latest knowledge of future testing requirements, ensuring our products deliver the functionality required.



Lane support systems (LSS)



Autonomous emergency braking (AEB)



## Virtual vehicle testing

Our established class-leading driving simulators can be used for a number of applications including academic or industry research, and virtual testing throughout the vehicle development phases. Our recognised Simpia software is present throughout all our products, meaning complicated ADAS or AV test scenarios need only be generated once and can be taken straight from the virtual environment in the laboratory to be replayed in real life on the test track.

'In-field' sensor mapping

Simulator studies

Drive-by-wire

Expert advice

## Systems available:



Driving robots



Test targets



Driving simulators

### Did you know?

We apply our testing to all types of vehicles including semi and fully autonomous, heavy goods and public service vehicles.



Email: [TestingServices@abdynamics.com](mailto:TestingServices@abdynamics.com)

## Locations

Our testing services are offered worldwide; we have offices and test facilities globally or our experts can travel to your location.



Get in touch with us today for more information about how we can help you.

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