



AVL CAMEO 4™ Active DoE

The next generation of Design of Experiments (DoE)

THE CHALLENGE

Real Driving Emissions, high number of variants, short development cycles – powertrain calibration has never been as complex as it is today. Therefore, it is extremely important to use intelligent methods in order to stay efficient and be able to manage the testing tasks.

Design of Experiments (DoE) is an important way of boosting innovation, reducing testing time and making effective use of the capacity of test fields – day and night.

Due to the increasing challenges in calibration, the conventional DoE reaches its limits. When using a pre-defined variation list, the measurement points cannot be distributed ideally in the input-output space.

THE AVL SOLUTION

AVL CAMEO 4[™] responds to these challenges with the solution Active DoE. It is easy to set up and delivers not only data but first-class quality results ready for the calibration task.

How is AVL CAMEO 4[™] able to do this?

The answer is "Active DoE", the next generation of DoE. With this approach AVL CAMEO 4[™] is generating excellent results in the most efficient way. The measurements are distributed to deliver the maximum value while also being located in the area of interest. The result is maximum accuracy where needed, requiring a minimum amount of data.

AVL CAMEO 4[™] Active DoE – THE NEXT GENERATION OF DoE

AVL CAMEO 4[™] Active DoE is an interactive process which automatically adapts the design to the given targets. Intelligent mechanisms support calibration engineers to easily generate high quality results which can directly be used for calibration tasks guaranteeing high performance and efficient work procedures.



FOR FURTHER INFORMATION PLEASE CONTACT:

AVL List GmbH, Hans-List-Platz 1, 8020 Graz, Austria Phone: +43 316 787-0, fax: +43 316 787-400, email: calibration@avl.com, www.avl.com