

fka Launches Benchmarking Analysis of the Tesla Model 3

Right now, the interest of the automotive industry in the Tesla Model 3, the first Tesla for the mass market, is huge. Thus, fka provides exclusive views in the technology of the Model 3 – well before the market launch in Europe and accessible for all interested companies. The benchmarking of the Tesla Model 3 puts the emphasis on detailed functional analyses in the fields of advanced driver assistance systems, acoustics and vehicle dynamics as well as electric/electronics. As of June 2018 first results will be available.

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Particularly due to the dynamic progress in the field of the development of electric driven vehicles benchmarking analysis gain importance very fast. For many OEM and Tier 1 the classification of the own products in the market is hindered due to the reduction of the development time of electric vehicles and the increasing number of new models.

Which functions and features do other manufacturers provide? Which technologies do competitors use? Which pros and cons do the different solutions show?

These questions are complex, take a lot of time and can only be answered at investigating a lot time and resources as well as high financial efforts. Within the detailed functional and design analysis of fka current vehicles will be explored and the results will be provided to interested companies via an online database.

The new Tesla Model 3 is one of the most exciting vehicles on the market. It represents the evolution of a niche market manufacturer to the automotive mass production. Thus, the interest of the automotive industry in the new Tesla is accordingly high. However, the Model 3 is not available in Europe up to now and so verifiable information and data are currently missing. Clearly before the market launch in Europe fka and their partners offers exclusive and detailed insight into the technology of the Model 3. This information is accessible for all interested companies and research organizations.

The functional analysis comprise, amongst others, tests of the driving dynamics, acoustics and analysis of advanced driver assistance functions. In the field of drivetrain and electric/electronics efficiency analysis will be executed, performance maps of single systems and components will be generated and control strategies will be analyzed, amongst others. Further test scopes can be carried out on demand.

Companies that are interested in the results of the analyses can obtain further information here:

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About fka

For more than 35 years, fka has been an innovative engineering service provider for research and development tasks for the automotive industry and its suppliers. We are research facility, provider of creative ideas, and driver of innovation. Our holistic approach and unique infrastructure for simulation, testing and evaluation allows us to see the big picture and be your specialist for details at the same time. We deliver our worldwide customers with the full range of engineering services including conception and simulation, as well as design and engineering of prototypes, and their experimental testing. Working together in interdisciplinary teams is a key aspect of our success. We also cooperate closely with experts from vehicle design, electrical engineering and IT specialists and thanks to our subsidiary are present in Silicon Valley since 2015.

Following our motto “creating ideas & driving innovations”, we create a safe, efficient and exciting future mobility for our customers.

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