

EMC CENTER FULDA

INCREASED SAFETY FOR
E/E COMPONENTS IN THE
AUTOMOTIVE, INDUSTRIAL
AND MEDICAL SECTORS



YOUR GLOBAL MOBILITY AND INDUSTRY ENGINEERING EXPERTS

Vehicles, machines, and devices contain numerous electronic components, all of which generate an electromagnetic field that could potentially influence the function of other components. It is therefore necessary to measure the emissions and immunity of electronic components and to check their electromagnetic compatibility in accordance with legal requirements. The new EDAG competence center for electromagnetic compatibility (EMC) offers exactly this capability. We are certified by TISAX and will be accredited by the German Accreditation Body (DAkKS) according to DIN EN ISO/IEC 17025.

Our Competencies:

- Prototype-safe certifications: TISAX, DIN EN ISO/IEC 17025
- Testing frequencies from 9 kHz to 6 GHz
- Neutral location for all OEMs
- 2500 m² building area, including 600 m² office space

The laboratory area of the EMC center offers:

- **Anechoic chamber SAC-10** – 360 m²
 - Ø 9 m turntable with 10 t load capacity
 - Roller dynamometer: 109 kW per roll
 - 5 t axle load, wheelbase up to 4.6 m
 - Heavy-duty area designed for up to 20 t
 - DC-Charger: 50 V – 1000 V, 450 A, 300 kW
 - Measurement distance up to 10 m
- **Anechoic chamber SAC-5** – 104 m²
 - Ø 3 m turntable with 5 t load capacity
 - Engine and transmission test bench „Bluebox“
 - 120 kW, 470 Nm, 6000 Rpm
 - Measuring distance up to 5 m
- **3 Absorber chambers ACTC** – 34 m²
 - Measurement distance up to 1 m
- **Shielded cabin** – 24 m²

Contact our experts:

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