



With more than 55 years of experience in the field of engine and drive train development, we are fully prepared to provide you with effective support in the development and testing of your hydrogen-based drives.

KST.

TESTING POWERTRAINS TO MOVE THE FUTURE

H₂ DEVELOPMENT & TESTING

FOR MORE DETAILED INFORMATION

Fuel cells, electrolysers & stacks



Hydrogen combustion engines



CONTACT US

KST-MOTORENVERSUCH GMBH & CO. KG

Bruchstraße 24 - 38
67098 Bad Dürkheim
Germany

Phone +49 6322 799-0

Sales Department

Phone +49 6322 799-192

vertrieb@kst-motorenversuch.de



www.kst-motorenversuch.de

FUEL CELL SYSTEMS / ELECTROLYSERS / STACKS

OUR TEST BENCHES

- Test benches - up to 1,000 kW
- Test benches - environment conditioned
- up to 400 kW
- Test benches for thermal activities
- up to 400 kW / -40° C up to +60° C
- Humidity -30 % up to 95 % RH
- static tilting available (+/- 45°)
- Test bench for Fuel cells & stacks
- up to 12kW / Set-up of the short
stacks on mobile test modules
- Test bench for Electrolyzer stacks
- up to 200 kW
- Tilt Test bench (+/- 45°) - up to 200 kW

HYDROGEN COMBUSTION ENGINES

OUR TEST BENCHES

- Universal Test benches
- up to 500 kW
- Heavy-Duty Test benches
- up to 2,000 kW
- Tilt Test bench (+/- 45°)
- up to 200 kW



FUEL CELL SYSTEMS / ELECTROLYSERS / STACKS

OUR TESTING CAPACITIES e.g.

- Efficiency optimisation
- Cold start test
- Thermal activities
- Cold endurance run
- Cooling circuit optimisation
- Functional testing
- Developmental test
- Endurance testing
- Application analysis
- Transient drive profiles
- Cell Voltage Monitoring
- Impedance Spectroscopy

HYDROGEN COMBUSTION ENGINES

OUR TESTING CAPACITIES e.g.

- Functional testing
- Developmental test
- Combustion & efficiency optimisation
- Oil circuit optimisation
- Endurance testing
- Application
- Indexing
- Transient drive profiles
- Crankshaft Ventilation optimisation

**Convince yourself of our competence!
We will actively support you and
address your specific needs!**