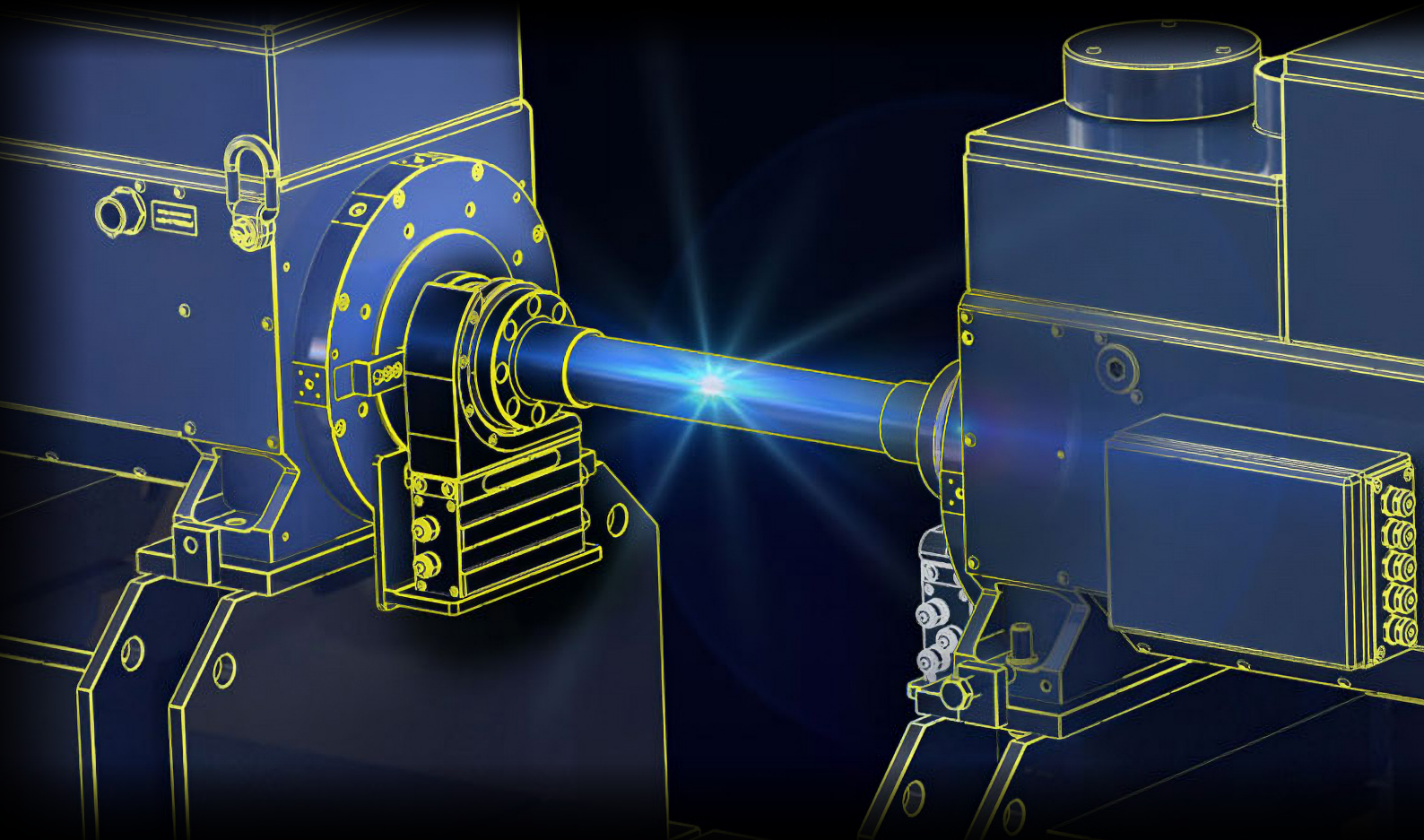




mit uns **technisch überlegen**

Dynamometer Test Rigs

Testing the future today



www.georguk.com

Heinrich Georg (UK) Ltd is one of the UK's leading manufacturers of bespoke Dynamometers, with over 20 years' experience creating Test Rig solutions for our customers.

We have supplied Test Rigs to Universities and companies in the aerospace, rail and automotive sectors interested in testing the performance of electric motor engines under loads.

Our Test Rigs are designed, built and tested at our Wolverhampton headquarters where the machine simulates the exact installation conditions before delivery to customers and commissioning on-site. Virtual commissioning using the latest 3D software is also available.

Key Features

- Automatic or manual control
- Load profiles with seamless switching from regen to motoring
- 4 Quadrant drive system
- Return power to grid with low harmonic active from end
- Recirculating power via variable voltage dc supply – isolated/floating
- Battery storage / thermal dissipation
- Torque cell with dual torque outputs and speed measurement
- Permanent magnet or induction motor options
- Speeds up to 30,000rpm
- Power from 1kw – 1000kw plus
- Data acquisition options integrated or external
- Scan rates up to 10kHz
- Power analyser options
- Vibration, temperature, power consumption monitoring
- Environment enclosures and temperature control
- Georg remote rig monitoring and diagnostics
- Safety control to pl d rating
- Uut motor mounting and alignment features
- Uut motor control via various communication protocols
- Water, air and oil cooling options
- Full onsite installation and commissioning
- Maintenance plans
- Operator and maintenance training

To discuss your next Dynamometer project, speak to one of our engineers.



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