

“To be recognised by our customers for innovative high quality engineered solutions and excellent customer service”



Torquemeters; we do more than just measure torque!

Aerospace

Working with leading Aerospace manufacturers and system integrators, Torquemeters Ltd designs and manufactures high power transmission solutions for:

- Compressor & Turbines
- Turbo shafts
- Helicopter Transmissions

Complete turnkey test bed solutions for:

- Aero engine ancillaries: Alternators, Starters, Fuel pumps, Gears, Seals.
- F1 engine, transmission and component test
- R&D projects on “next generation” rotating equipment

Customers

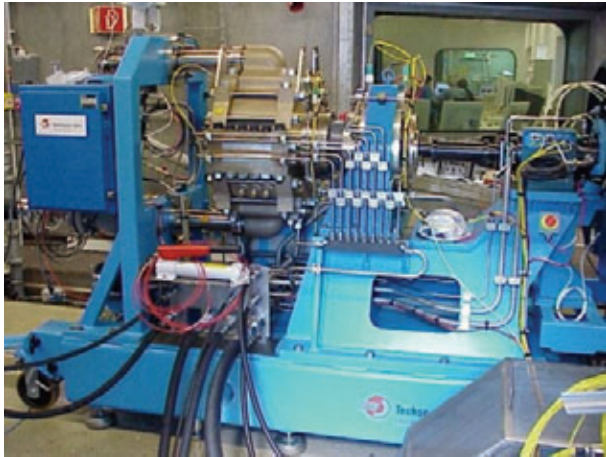
- Rolls-Royce
- GE
- Pratt & Whitney
- Lockheed
- Goodrich
- Anecom
- MTU
- Snecma
- Turbomeca
- Honeywell
- Westland / Augusta
- Zhu Zhou
- US Navy
- US Army
- NASA
- MHI
- Hamilton Sundstrand
- Thales
- SARI
- F1 Industry
- Research Institutes

Drive line Solutions

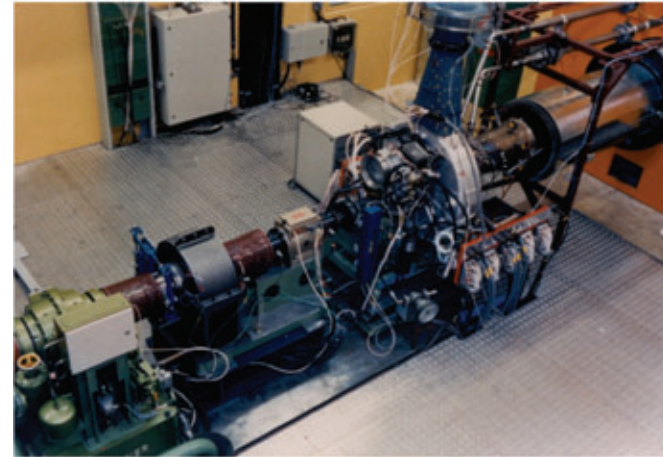
T700/701K, T55,56,T64, ATST
PT6*, PW200*
RTM322, MTR390,
Arriel, Makila
TP400

Turbo Shaft Testing

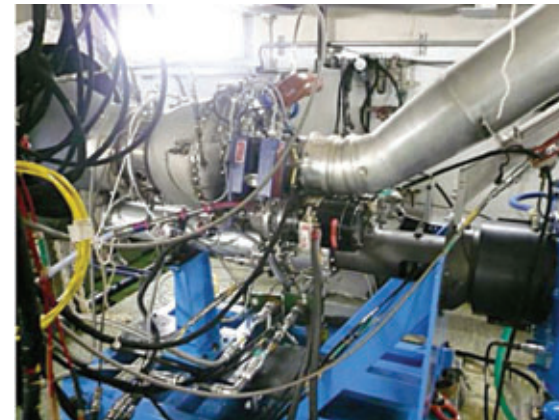
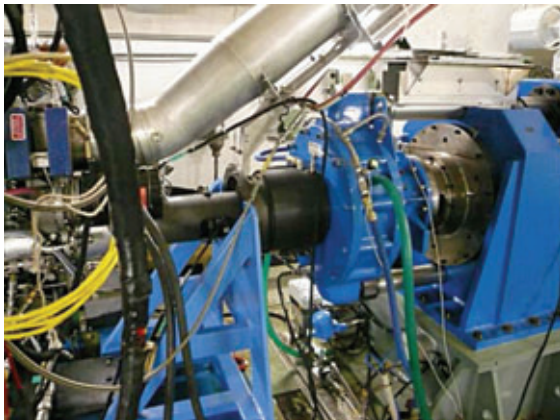
RTM322 20,000 RPM 2,500HP: ET2145



MTR390 (MTU facility: ET600MS)

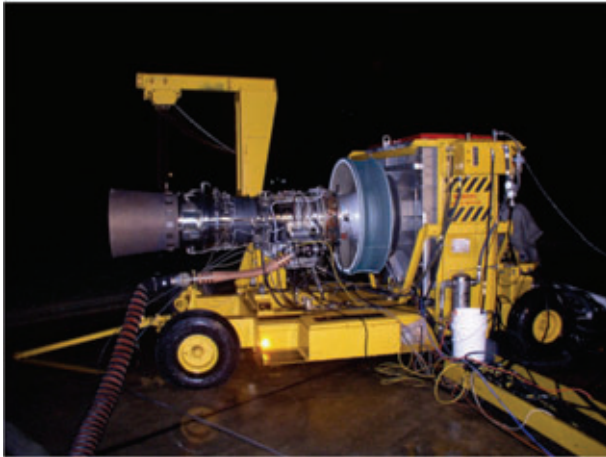


Arriel IC2 (9,000 RPM, 2,100 Nm: Specially designed torquemeters for Turbomeca Arriel Engines)

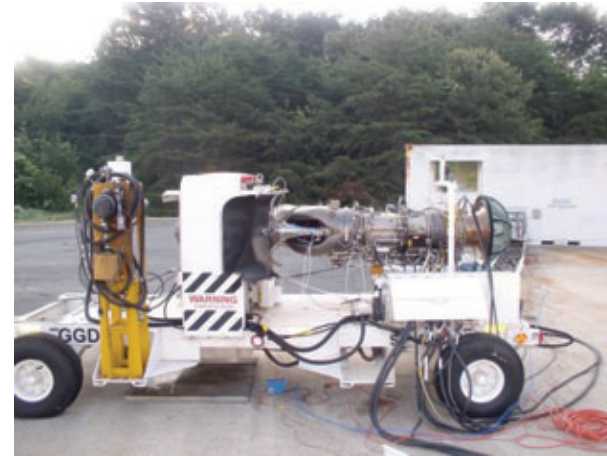


Turbo Shaft Testing

T64 (Concepts Varco Air Dyno)



T58



T64 (Concepts Varco Air Dyno)



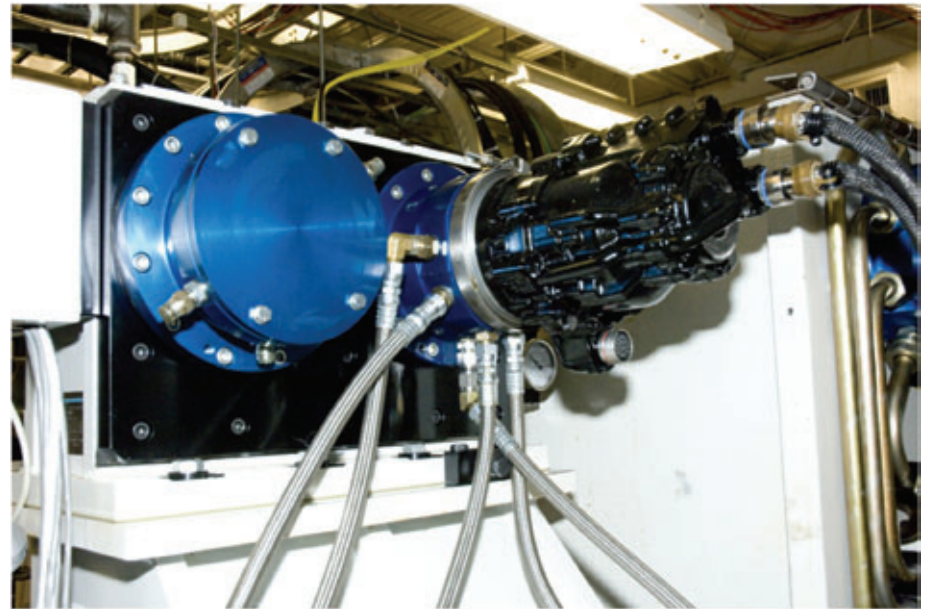
Custom designed Torquetronic™ torquemeter to replace the existing inaccurate flight torque measurement system.

The torquemeter is cantilevered from the Varoc air dyno, interfaced to the various engines while maintaining the original physical footprint.

Typical Aerospace Test stands

“Iron Bird” Test stand Installation for JSF program
Simulate drives to test all engine ancillary components

Total of 3 drive stands; 150kW, 10 000 rpm, 420kW, 37,000 rpm, 320kW, 66000 rpm



Typical Aerospace Test stands

Example of a Starter Generator stand; 500kW, 30,000 rpm

This test system is used for the development of a new starter/generator to be used on the Airbus A380. The system is used to test the rotating machinery and the electronic control system.



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Please contact us to discuss your application in further detail:

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