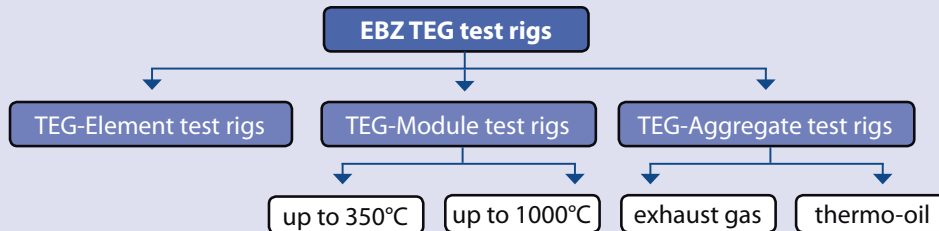


Thermoelectric Generator Test Rig



KEY FEATURES

- Temperature range from 200°C to 1000°C
- Sequence control for TEG characteristics and determination of long term cyclic behaviour
- Easy to operate NI laboratory software with graphical user interface (GUI)
- Test operation in inert gas
- Integration of electrical load
- Automatic measurement of load force
- Sophisticated data management solutions
- Simulation of realistic application conditions
- High flexibility in geometry adjustments on customer demand (in-house developed and manufactured components)



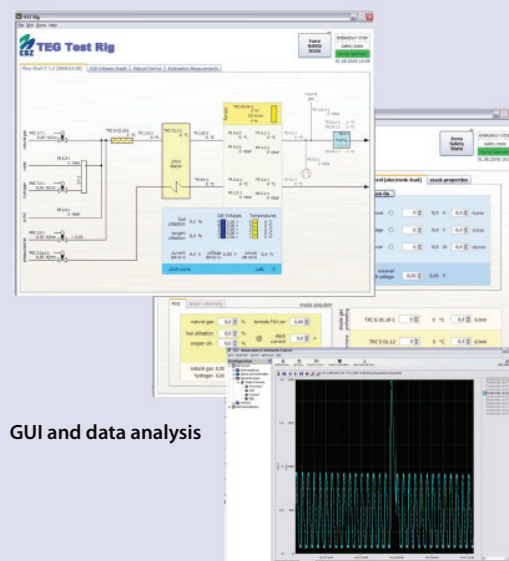
TEG-Module test rig

OPTIONAL

- Cooling circuit for a variable cold side temperature
- Automatic and adjustable load force
- Automatic measurement of the internal resistance for defect analysis
- Integrated cooler for fast degradation analysis

TYPICAL MEASUREMENTS

- Temperatures, heat flows
- Load forces
- Thermal resistances
- Impedance
- Voltages, currents, electrical power
- Electric efficiency



GUI and data analysis