

Component Test Bench

Thermal Management Services

- Precise replication of the specified operating conditions in the refrigerant circuit
- Many years of experience in refrigerant circuit component measurements
- Measurements with R1234yf, R134a and other innovative refrigerant mixtures possible
- Many design options for test cases within a large performance spectrum
- Acquisition and evaluation of important thermodynamic variables (temperature, pressure, OCR, etc.)
- Defined OCR specifications as well as "oil-free" measurements possible
- Automated and time-efficient test operation as well as fully manual control for special operating points
- Performance of long-term tests, COP investigations and calorimetric observations
- Evaluation of the measurement results by expert engineers
- Flexible integration of refrigeration components through own prototype workshop