



HIGHEST LEVEL OF EXPERTISE
STATE-OF-THE-ART TECHNOLOGY
MOTIVATED EMPLOYEES
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2 LOCATIONS

1 TEAM

Customer-specific testing

Customer-specific test systems

Hydropulse test systems

Burst pressure test systems

► Oil tempering units

Gas pressure systems

Oil tempering units 6 to 75 kW heating power

The oil tempering unit is designed as a stand-alone unit for a duty cycle of 100%. The tempering unit can also be controlled by an external controller using the provided interfaces. If necessary, application-specific control parameter sets and additional, customer-specific logical control tasks can be integrated into the unit's software.

Technical specifications (for example of 45 kW unit):

Heating power:	45 kW (5 x 9 kW)
Flow temperature:	145°C max.
Pump power:	1,5 kW max.
Flow volume:	75 l/min max.
Operating medium:	according to customer specifications
Cooling:	direct or indirect
Dimensions:	1050x370x930 mm
Internal control:	PLC with PI control
Setpoint/actual value:	Display can be switched
Setpoint specification:	Internal
Sollwertvorgabe:	External DC 0-10 V
Actual value output:	External DC 0-10 V
Start/stop:	Internal/external (via floating contacts)
Max. permitted ext. volume:	4.5 litres

Additional functions (optional):

- Two permanently stored temperature PI control parameter sets ("dynamic" and "slow-acting")
- External preselection and switching of PI control parameter sets ("dynamic" and "slow-acting")
- Bypass valve between flow and return flow lines for quick limiting of heating power
- Additional heat transfer oil connection in flow and return flow lines for optional pre-tempering of oil
- 2-point controller function for oil pre-tempering
- 4-line control panel with function and cursor buttons for specifying setpoint and displaying actual value of oil
- Relay output for optional setpoint valve for oil pre-tempering
- PT100 analogue input for measuring actual value of oil temperature

