

# TECHNICAL SPECIFICATION

## easitemp - Temperature Control Unit

<b>Gerätetyp:</b>	<b>easitemp 6/150</b>
<b>Circulating medium:</b>	Water up to 150° C (302° F) max. external volume at 150° C (302° F): 9 liters (2.4 gallons)
<b>Heating capacity:</b>	6 kW
<b>Cooling capacity:</b>	45 kW

### Reference values for cooling capacity:

80° C (176° F) pre-run temperature  
15° C (59° F) cooling water temperature  
difference of pressure: cooling water inlet and outlet at least 2 bar (29 PSI)

### Equipment:

- Microprocessor-steered controller  
digital display, self-optimization and many other attributes
- Ball valve in pre-run
- Level monitoring by magnetic float-switch
- Turn-over switch for leak-stop operation by pin-reversible plug
- Cooling by copper-brazed stainless steel plate heat exchanger and solenoid valve
- Heating by stainless steel tubular heaters, material: Incolloy
- Dirt trap in return line of circulating system
- Automatic filling via cooling water system
- Automatic temperature dependent system closing
- Temperature observer
- Corrosion-resistant system (stainless steel/nonferrous metal)
- Bypass between pre and return run with reduced cross-section
- Robust powder-coated steel plate housing
- Control cabinet IP 54
- Control voltage 230 V

### Delivery:

- Unit mounted on rubber buffers and ready for connection

### Peripheral pump

- |                    |          |
|--------------------|----------|
|                    | Y 2051   |
| • Output rate max. | 27 l/min |
| • Pressure max.    | 4,5 bar  |
| • Motor capacity   | 0,5 kW   |

### Connections:

- |                           |  |
|---------------------------|--|
| • Circulating medium      | Socket G 1/2   |
| • Cooling water           | Socket G 3/8   |
| • Length / Width / Height | 600 mm x 240 mm x 430 mm (without connections)               |
| • Weight (approx.)        | 40 kg  |
| • Color                   | RAL 7035 light grey (hood)<br>RAL 5015 sky-blue (front door) |

Technical changes reserved  
Hochdorf, February 21, 2008