

## SINGLE Mini water-operated temperature control systems

### Water Mini



The extraordinarily compact mini water-operated temperature control systems of the Water Mini product family are specially designed for small and laboratory applications with relatively low capacity requirements. If required, they can be combined to form multi-circuit temperature control systems.

#### **STANDARD EQUIPMENT**

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##### **General**

- ▶ Rugged, powder-coated sheet steel housing
- ▶ Automatic filling and replenishing

##### **Hydraulics**

- ▶ Hydraulic equipment stainless steel / non-ferrous metals
- ▶ Incolloy heater
- ▶ High-quality pump materials
- ▶ Direct cooling without heat exchanger
- ▶ Dirt traps in return and cooling water supply line

##### **Electric and control equipment**

- ▶ SBC open and closed-loop control unit
- ▶ Heating control by solid state relay
- ▶ Switch box to IP54
- ▶ Cable connector without plug

#### **OPTIONS**

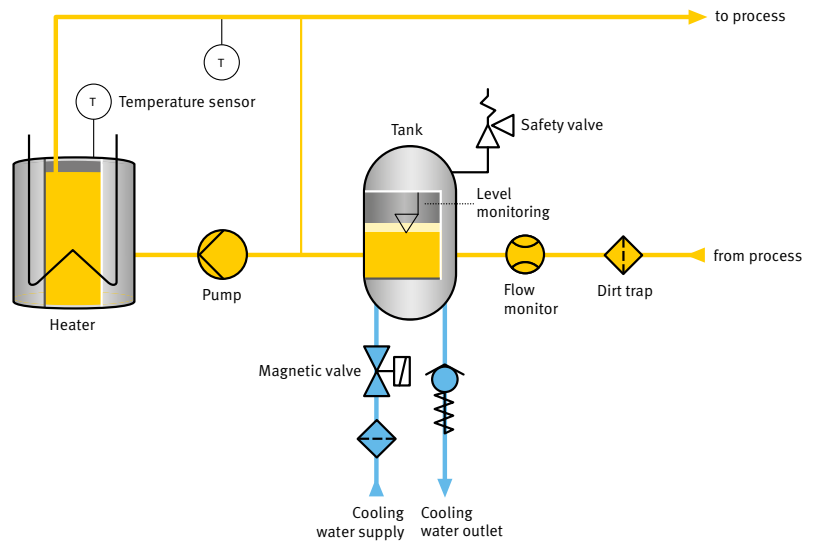
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- ▶ Indirect cooling with heat exchanger (type M2 and up)
- ▶ SCT controller with 7" touch screen
- ▶ Pneumatic cooling water valves
- ▶ Up to 120 °C operating temperature, sufficient cooling water pressure provided
- ▶ Connections for various analogue and digital electric interfaces
- ▶ Virtually unlimited hydraulic and electric options
- ▶ EcoTemp system for cyclic temperature control

**single**  
first choice  
in temperature control

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Structural units		M1	M2	M3
Temperature range	°C	90	90	90
Heating capacity	kW	1.5	1.5	3/4. 5/6
Cooling capacity (80 °C outlet/15 °C cooling water)	kW	18	18	35/50
Max. flow rate	l/min	14	27	27/60*
Max. pressure (max. values of the characteristic)	bar	3.8	4.5	4.5/6*
Pump motor capacity	kW	0.1	0.4	0.5/0.75*
Connections circulating media	FPT	G 1/4"	G 3/8"	G 1/2"
Connections cooling water	FPT	G 1/4"	G 1/4"	G 3/8"
Dimensions (without connections)	L mm	340	430	490
	W mm	120	150	200
	H mm	455	415	415
Approximate weight	kg	20	25	30

\* Special pump