

**SINGLE Compact oil-operated  
temperature control systems  
up to 250 °C**



Compact oil-operated temperature control systems are recommended for applications that rule out water-operated systems due to high temperature requirements. The Oil Compact systems offer the benefit of operating without pressure blanketing. Distinguished by their keen price/performance ratio, these compact systems are suitable for a variety of processes and tasks in the lower capacity range. With their high reliability and precision they accommodate many options and equipment variations to meet every requirement.

**STANDARD EQUIPMENT**

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**General**

- ▶ Rugged, powder-coated sheet steel housing
- ▶ High-quality materials
- ▶ Dirt traps in return and cooling water supply line

**Electric and control equipment**

- ▶ SBC controller
- ▶ Heating control by solid state relay with fail-safe pilot contactor
- ▶ Electronic safety temperature limiter
- ▶ Switch box to IP54
- ▶ Cable connector without plug

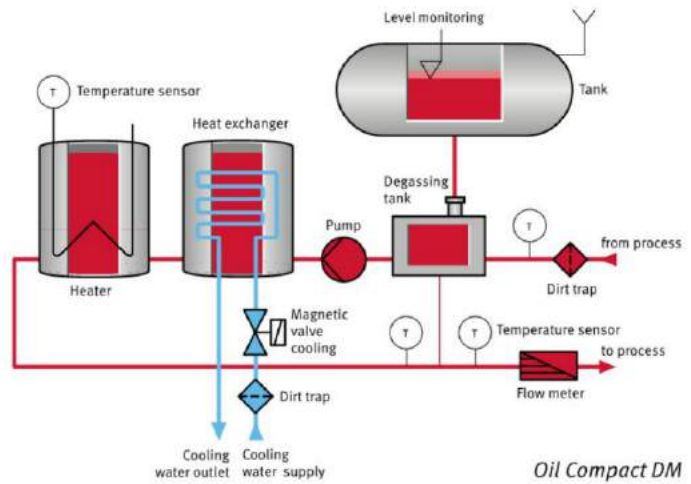
**OPTIONS**

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- ▶ SCT controller with 7" touch screen
- ▶ Magnetically coupled pumps for DM
- ▶ Flow metering by means of differential pressure
- ▶ Vapour heating
- ▶ Connection for various analogue and digital electric interfaces
- ▶ Virtually unlimited hydraulic and electric options



Optional SCT controller with 7" touch screen

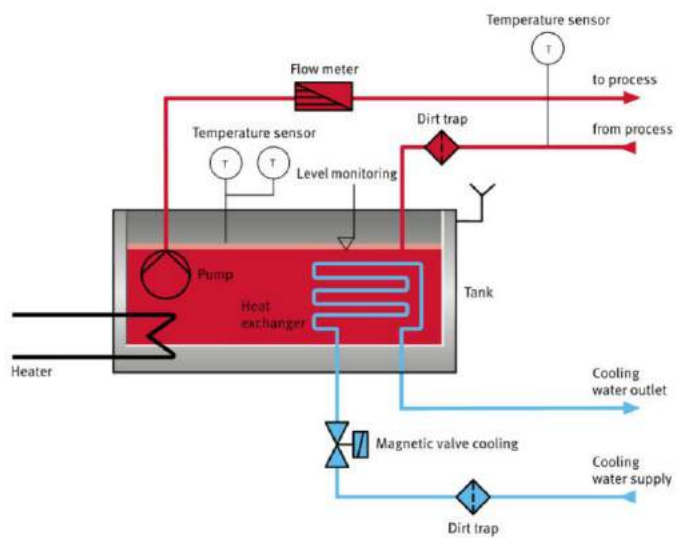


Oil Compact DM

Oil Compact			
Structural units		TK	DM
Max. temperature range	°C	150	180/250
Max. external volume	l	11	9/5
Heating capacity	kW	4	4/6
Cooling capacity (150 °C outlet / 15 °C cooling water)	kW	12	14
Max. flow rate	l/min	40	45/60*
Max. pressure (max. values of the characteristic)	bar	3.5	6/6*
Pump motor capacity	kW	0.75	0.75/1*
Connections circulating media		G 1/2"	G 1/2" MPT
Connections cooling water	MPT	G 1/2"	G 3/8"
Internal filling volume	l	6	3
Dimensions (without connections)	L mm	639	609
	W mm	266	254
	H mm	562	547
Approximate weight	kg	50	60

\* Special pump

Subject to technical changes



Oil Compact TK