

# MOULD TEMPERATURE CONTROLLER

## WATER TYPE AND OIL TYPE Temperature Range: 95 °c to 300 °c

### Common Features (Water Type and Oil Type)

- PID Digital Temperature controller with auto-tuning capability; able to maintain the Temperature Accuracy within  $\pm 1^{\circ}\text{C}$ .
- High Quality Components: Grundfos/Speck pump; Stainless Steel Heating Element and Tanks, etc.
- Advance safety features: Overheat Protection Device, Level Switch, various alarms and Fault Indication Lights
- Cooling Method: Indirect cooling (Direct Cooling: ST310D only)



### AT Series - Oil Type (Max.Processing Temp: 300°C)

- Speck-Germany Immersion Centrifugal Pump which can manage special conditions such as high temperature and pressure, abnormal high flow rate
- Large oil circulation and oil reservoir: can transfer heat faster and maintain a stable temperature.

### ST Series - Water Type (Max.Processing Temp: 95°C)

- Centrifugal Pump which can manage special condition such as temperature and pressure, high flow rate, etc.
- Automatic water refill

\*Temperature Accuracy of  $\pm 1\text{c}$

\*High Efficiency

\*Durable

\*Corrosion Free  
S/S Heater & Tank

\*PID Digital Control

\*Advance Safety Features

### Specification - AT Oil Type Mould Temperature Controller (Max.Temp: 300°C)

Model		AT306	AT309	AT306M	AT309M	AT315H
Medium		Oil				
Heater Capacity	kw	3 x 2	3 x 3	3 x 2	3 x 3	5 x 3
Controller Type		PID Digital Controller				
Temperature Max	°C	150 °C	150 °C	200 °C	200 °C	300 °C
Motor	kw	0.5	0.5 x 2	0.5	0.5 x 2	1.5
Pump Flow Rate	L/m	50	100	50	100	100
Cooling Method		Indirect Cooling				
Tank Capacity	Litre	15	20	15	20	15
Safety Devices		Overheat protection, Level Switch, Alarm, Electrical Fault Indicator, etc				
No. of Inlet/Outlet		2/2	4/4	2/2	4/4	2/2
Dimension	Length mm	650	710	650	710	975
	Width mm	300	300	300	300	400
	Height mm	700	795	700	795	1355

### Specification - ST Water Type Mould Temperature Controller (Max.Temp: 95°C)

Model		ST305	ST310	ST310D
Medium		Water		
Heater Capacity	kw	5 x 1	5 x 2	5 x 2
Controller Type		PID Digital Controller		
Temperature Max	°C	95 °C	95 °C	95 °C
Motor	kw	0.4	0.9	1.8
Pump Flow Rate	L/m	58	130	200
Cooling Method		Indirect Cooling		Direct Cooling
Tank Capacity	Litre	15	20	6
Safety Devices		Overheat protection, Level Switch, Alarm, Electrical Fault Indicator, etc		
No. of Inlet/Outlet		2/2	4/4	1/1
Dimension	Length mm	650	710	650
	Width mm	300	300	300
	Height mm	700	935	930



AT315H (Oil Type; Max.Temp: 300°C)

**SCP** SCP AUTOMATION (M) SDN BHD (455231U)  
SAM CHIN PLASTIC MACHINERY SDN BHD (325707K)  
GST NO.: 000416890880 GST NO.: 001467940864

55 Jalan Matahari AA U5/AA, Bandar Pinggiran Subang, Section U5, 40150 Shah Alam, Selangor, Malaysia  
Tel: 603-78450129 Fax: 603-78450139 Email: sales@scp.com.my Website: www.scp.com.my