

TEMPRO primus C90/basic C90/basic C140

— The Economic Solution

The ideal temperature controller for any application requiring exact temperature control and high user-friendliness, however without additional functions such as direct cooling.

— TEMPRO primus C90

Single zone temperature controller up to 90 °C. Standard features include air purging for mold changes.

— TEMPRO basic C90

One circuit temperature controller for temperatures up to 90 °C equipped with a self-optimizing microprocessor controller (± 1 °C). Standard with leakstop function and hand selector switch for evacuating function.

— TEMPRO basic C140

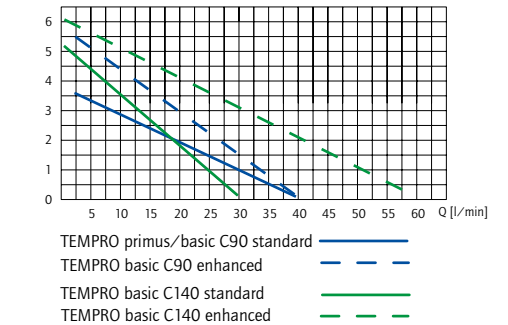
Single zone unit with pressurized system for temperatures up to 140 °C. The economic mold temperature controller for precise temperature control up to 140 °C.



Equipment	primus C90	basic C90	basic C140
Microprocessor controller, self-optimizing	•	•	•
Maximum temperature monitoring	•	•	•
Sensor break monitoring	•	•	•
Automator filling with leakage monitoring and level cont.	•	•	•
Dry contact for alarm output	–	•	•
Connectors for external sensors PT 100	–	◦	◦
Leakstop function	•/◦	•	•
Mold purging through pump rotation change	◦/•	•	•
Reinforced pump	–	◦	◦
Manual filling	•	•	–
Pressure gauge/flow indication	–	◦	◦
Serial interface (RS 232, RS 485, 20 mA)	–	◦	◦
Analog interface (4–20 mA / 0–10 V)	–	◦	◦
Operating hour counter/Service monitoring	•	•	•
Horn	•	•	•

- Standard equipment
- Optional equipment
- no supply for this model

P [bar] pump characteristics TEMPRO primus/basic C90/C140



Technical Data	primus C90	basic C90	basic C140
Heating capacity	9 kW		
Pump capacity (50 Hz) Standard	0.5 kW, max. 3.5 bar, max. 40 l/min	0.5 kW, max. 5 bar max. 30 l/min	
Pump capacity (50 Hz) enhanced	–	0.75 kW, max. 5.5 bar max. 40 l/min	0.75 kW, max. 6 bar max. 60 l/min
Cooling water connect.	G 1/4"		G 3/8"
To mold – from mold	G 3/4" / G 1/2"		G 3/4"
Power supply	standard 3 x 380 – 415 V/50 Hz		

cooling capacity diagram

