

## OUR SIMPLEST AND MOST ECONOMICAL HOT RUNNER TEMPERATURE CONTROLLER

Our TempMaster Me controller platform combines essential features with advanced APS Technology for precision hot runner temperature control. Powerful performance from a compact unit that helps improve part quality and minimize scrap. Optimize the performance of any hot runner system and unlock your operations full potential with TempMaster.

### KEY FEATURES

#### INTUITIVE TOUCH SCREEN COLOR DISPLAY

- Simple, user friendly interface.
- Allows for immediate familiarization.
- Monitor up to 12 zones at once.

#### INTEGRATED 15-AMP CONTROL CARDS

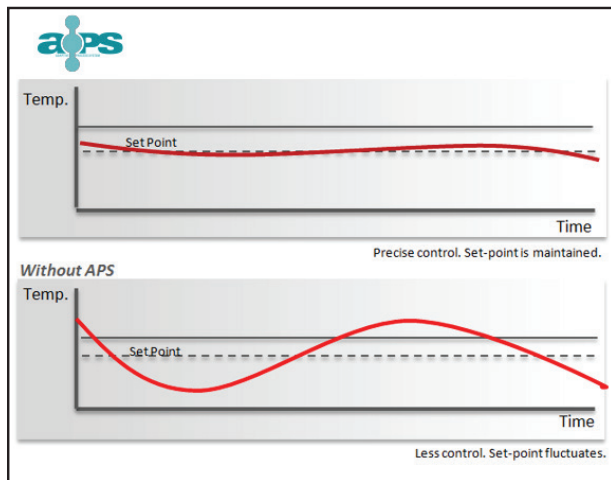
- Power to control a wide range of hot runner zones from nozzle tips to larger manifolds.
- On-board heater fuses.
- Quick and easy service access from the cabinet top and bottom.

#### COMPACT, STACKABLE CABINET DESIGN

- Preserves valuable space.
- Can be placed almost anywhere.
- Available in 6 or 12 zone configurations.
- Lightweight.

#### 2 YEAR COMPREHENSIVE WARRANTY

- Worry free global support coverage.
- Protects against manufacturers defects (fuses excluded).



### SIMPLE TOUCH SCREEN CONTROLS

Probe 1	Probe 2	Probe 3	Probe 4	Run
250	250	249	249	Standby
250 °C	250 °C	250 °C	250 °C	Shutdn
1.0 A	1.1 A	1.2 A	1.3 A	Boost
Probe 5	Probe 6	Probe 7	Probe 8	Stop
249	249	250	250	Tool
250 °C	250 °C	250 °C	250 °C	
1.4 A	1.5 A	1.6 A	1.7 A	
Probe 9	Probe 10	Probe 11	Probe 12	
250	250	250	250	
250 °C	250 °C	250 °C	250 °C	
1.8 A	1.9 A	2.0 A	2.1 A	
Mode	RUN	Status	NORMAL	

## CAPABILITIES

Control Features	Operational Features	Protection Features	Alarms
APS (Adaptive Process System)	Auto/Manual Control	On-Board Load Fuses	Audible Alarm
Phase Angle, Burst Firing	Zone "on," "off" and "locked off"	Soft Start	Zone Alarm Configure
Infield Calibration Mode	Menu "Auto Save"	Continuous Ground Fault Detection	(+) High Temperature
Thermocouple Slave (Manual)	Tool Store (4)	Current Measurement	(-) Low Temperature
Auto Standby/Alarm Output	USB Port	Overload Protection	T/C Open (remembered % output)
Wet Heater Bakeout		Automatic Tool Diagnostics	T/C Reversed
T/C Filtering		Plastic Leak Detection (Manual)	Open Fuse
Delta/Wye Convertible Option		LED Fault Indicator (Scan)	Open Heater
Interface Autopilot Control			Shorted Heater/Wet
Set Point Limit			Ground Fault Detection
Set Power Limit			Plastic Leak Detection
Auto Load % Output			
Uniform Start-Up			

## SPECIFICATIONS

<b>User Interface</b>	Full Color LCD Touch Screen
<b>Display Size</b>	5"
<b>Cabinet Dimensions</b>	36cm x 39cm x 20cm (14" x 15" x 8")
<b># of Zones (Max)</b>	6 or 12
<b>Control Algorithm</b>	APS (Adaptive Process System)
<b>Power Control</b>	Phase Angle & Burst Firing Modes (Time Proportional, Zero-Crossing)
<b>Temp. Resolution</b>	1 (0°C or 0°F)
<b>Power Response Time</b>	8.3 ms at 60 Hz
<b>Temperature Scale</b>	0°C or 0°F (Software Selectable)
<b>Thermocouple</b>	J or K-Type (Software Selectable)
<b>Operating Range</b>	0 - 472°C (32 - 882°F)
<b>Output Voltage (Max)</b>	264 VAC
<b>Supply Voltage</b>	200/240V 3P Delta or 380/415V 3P Star with Neutral (480V, 3P with optional transformer)
<b>Frequency</b>	50 - 60 Hz Automatic Switching
<b>Ambient Temperature Range</b>	5 - 450°C (41 - 113°F)
<b>Humidity Range</b>	Up to 95% non-condensing
<b>Ground Fault Detection</b>	40mA per Zone
<b>Alarm Output</b>	Closing Contact Relay 5A, 230V (Max)
<b>T/C Connector</b>	HBE-24
<b>Power Connector</b>	HBE-24
<b>Overload Protection</b>	Semi-conductor fuses on both heater legs
<b>Heater Fuses</b>	15A @ 220V Super Fast Blow Type (FF)
<b>Control Modes</b>	Closed Loop (Auto), Open Loop (Manual), Standby, Boost, Slave
<b>Ports</b>	USB
<b>LED Indicators</b>	Scan
<b>Languages</b>	English, French, German, Spanish, Polish, Russian, Chinese, Japanese, Czech, Italian, Hungarian, Turkish, Portuguese, Korean



### INCLUDES:

- 4.8m (15') Cable Set
- Quick Start Guide

