



FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY



SMART SERIES® Me TEMPERATURE CONTROLLERS

HOT RUNNER TEMPERATURE CONTROL MADE SIMPLE & ECONOMICAL

The 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 .

KEY FEATURES

INTUITIVE TOUCH SCREEN COLOR DISPLAY

- Simple, user friendly interface.
- Allows for immediate familiarization.
- Monitor up to 12 zones at once.
- Zone slaving in the event of thermocouple loss.

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

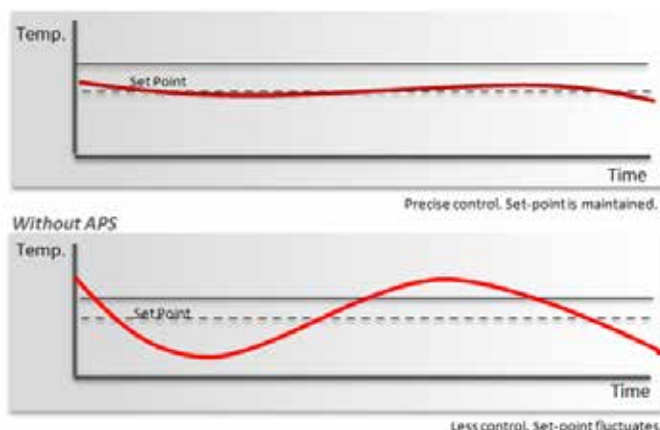
- Worry free global support coverage.
- Protects against manufacturers defects (fuses excluded).



ITEM NUMBER	DESCRIPTION
Me6-15SS	6 Zones of Control
Me12-15SS	12 Zones of Control

SIMPLE TOUCH SCREEN CONTROLS

Probe 1	Probe 2	Probe 3	Probe 4	Run Standby Shutdn Boost Stop Tool
250	250	249	249	
250 °C	250 °C	250 °C	250 °C	
1.0 A	1.1 A	1.2 A	1.3 A	
Probe 5	Probe 6	Probe 7	Probe 8	
249	249	250	250	Mode RUN Status NORMAL
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	





FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY



SMART SERIES® Me TEMPERATURE CONTROLLERS

HOT RUNNER TEMPERATURE CONTROL MADE SIMPLE & ECONOMICAL

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

User Interface	Full Color LCD Touch Screen	Frequency	50 - 60 Hz Automatic Switching
Display Size	5"	Ambient Temperature Range	5 - 450°C (41 - 113°F)
Cabinet Dimensions	36cm x 39cm x 20cm (14" x 15" x 8")	Humidity Range	Up to 95% non-condensing
# of Zones (Max)	6 or 12	Ground Fault Detection	40mA per Zone
Control Algorithm	APS (Adaptive Process System)	Alarm Output	Closing Contact Relay 5A, 230V (Max)
Power Control	Phase Angle & Burst Firing Modes (Time Proportional, Zero-Crossing)	T/C Connector	HD25 Male
Temp. Resolution	1 (0°C or 0°F)	Power Connector	HD25 Female
Power Response Time	8.3 ms at 60 Hz	Overload Protection	Semi-conductor fuses on both heater legs
Temperature Scale	0°C or 0°F (Software Selectable)	Heater Fuses	15A @ 220V Super Fast Blow Type (FF)
Thermocouple	J or K-Type (Software Selectable)	Control Modes	Closed Loop (Auto), Open Loop (Manual), Standby, Boost, Slave
Operating Range	0 - 472°C (32 - 882°F)	Ports	USB
Output Voltage (Max)	264 VAC	LED Indicators	Scan
Supply Voltage	200/240V 3P Delta or 380/415V 3P Star with Neutral (480V, 3P with optional transformer)	Languages	English, French, German, Spanish, Polish, Russian, Chinese, Japanese, Czech, Italian, Hungarian, Turkish, Portuguese, Korean



REPLACEMENT PARTS

Item Number	Description
MEV26ZMOD	ME12 6 ZONE OUTPUT PC BOARD
MEV3DISPLAY	ME 5.7" TOUCH SCREEN WITH CPU
325-051	ME12 DC POWER SUPPLY
235-006	ME12 16 AMP LOAD FUSES
235-077	ME12 2 AMP POWER SUPPLY FUSES

DME Company LLC

42827 Irwin Dr., Harrison Twp., MI 48045
800-626-6653 toll-free tel
248-398-6000 tel
www.DME.net web
DME@DME.net e-mail

DME Canada

41 Todd Road
Georgetown, Ontario Canada L7G 4R8
800-387-6600 toll-free tel
905-677-6370 tel
DME_Canada@DME.net e-mail



COMPLETE DETAILS