



FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY



DME SMART SERIES® Me

HOT RUNNER TEMPERATURE CONTROL MADE SIMPLE AND 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

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

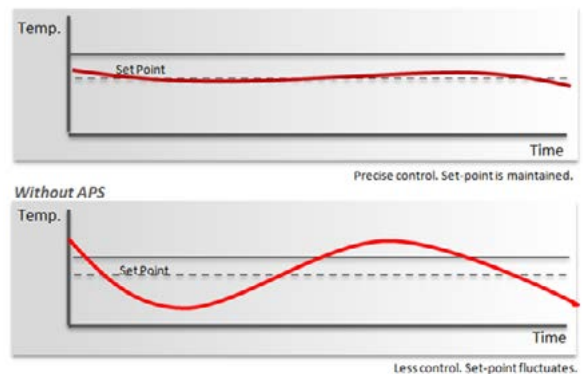
2 YEAR COMPREHENSIVE WARRANTY

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



SIMPLE TOUCH SCREEN CONTROLS

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





FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY



DME SMART SERIES® Me

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	HBE-24
Temp. Resolution	1 (0°C or 0°F)	Power Connector	HBE-24
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

INCLUDES:

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

