DME

FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY

STORE

DME **SMART SERIES® M*e***

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

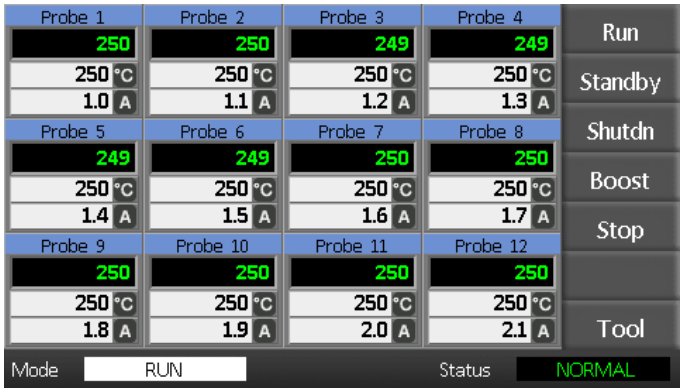
COMPACT, STACKABLE CABINET DESIGN

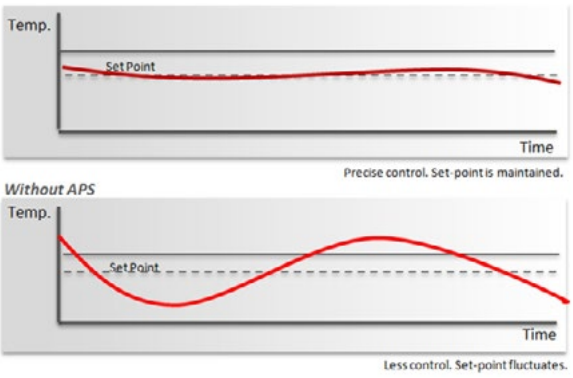
- Preserves valuable space
- Can be placed almost anywhere
- Available in 6 or 12 zone configurations
- Lightweight

2 YEAR COMPREHENSIVE WARRANTY

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

SIMPLE TOUCH SCREEN CONTROLS





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CAPABILITIES

Control Features
APS (Adaptive Process System)
Phase Angle, Burst Firing
Infield Calibration Mode
Thermocouple Slave (Manual)
Auto Standby/Alarm Output
Wet Heater Bakeout
T/C Filtering
Delta/Wye Convertible Option
Interface Autopilot Control
Set Point Limit
Set Power Limit
Auto Load % Output
Uniform Start-Up

Operational Features
Auto/Manual Control
Zone "on", "off" and "locked off"
Menu "Auto Save"
Tool Store (4)
USB Port

Monitoring/Reporting
2-D Historical Graph

Protection Features
On-Board Load Fuses
Soft Start
Continuous Ground Fault Detection
Current Measurement
Overload Protection
Automatic Tool Diagnostics
Plastic Leak Detection (Manual)
LED Fault Indicator (Scan)

Alarms
Audible Alarm
Zone Alarm Configure
(+) High Temperature
(-) Low Temperature
T/C Open (remembered % output)
T/C Reversed
Open Fuse
Open Heater
Shorted Heater/Wet
Ground Fault Detection
Plastic Leak Detection

SPECIFICATIONS

User Interface	Full Color LCD Touch Screen
Display Size	5"
Cabinet Dimensions	36cm x 39cm x 20cm (14" x 15" x 8")
# of Zones (Max)	6 or 12
Control Algorithm	APS (Adaptive Process System)
Power Control	Phase Angle & Burst Firing Modes (Time Proportional, Zero-Crossing)
Temp. Resolution	1 (0°C or 0°F)
Power Response Time	8.3 ms at 60 Hz
Temperature Scale	0°C or 0°F (Software Selectable)
Thermocouple	J or K-Type (Software Selectable)
Operating Range	0 - 472°C (32 - 882°F)
Output Voltage (Max)	264 VAC
Supply Voltage	200/240V 3P Delta or 380/415V 3P Star with Neutral (480V, 3P with optional transformer)

Frequency	50 - 60 Hz Automatic Switching
Ambient Temperature Range	5 - 450°C (41 - 113°F)
Humidity Range	Up to 95% non-condensing
Ground Fault Detection	40mA per Zone
Alarm Output	Closing Contact Relay 5A, 230V (Max)
T/C Connector	HBE-24
Power Connector	HBE-24
Overload Protection	Semi-conductor fuses on both heater legs
Heater Fuses	15A @ 220V Super Fast Blow Type (FF)
Control Modes	Closed Loop (Auto), Open Loop (Manual), Standby, Boost, Slave
Ports	USB
LED Indicators	Scan
Languages	English, French, German, Spanish, Polish, Russian, Chinese,Japanese, Czech, Italian, Hungarian, Turkish, Portuguese, Korean

INCLUDES:

- Supply cord
- Quick Start Guide

UPON REQUEST:

- 4.8m (15') Cable Set

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