



FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY



DME SMART SERIES® MT2

PRECISION TEMPERATURE CONTROL FOR 2-ZONE HOT SPRUE APPLICATIONS

The MT platform combines essential features with advanced APS Technology for precision temperature control and essential protection features. 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 Smart Series.

KEY FEATURES

INTUITIVE TOUCH SCREEN COLOR DISPLAY

- Simple, user friendly interface
- Allows for immediate familiarization
- Monitor 2 zones at once
- Continuous display of % power and current

2 ZONE CONTROL CARD

- On-board heater and thermocouple fuses
- Eliminates excess wiring and improves accessibility
- Servicing is quick and easy, minimizing downtime

COMPACT CABINET DESIGN

- Preserves valuable space
- Can be placed almost anywhere

DURABLE INDUSTRIAL DESIGN

- Metal enclosure and heavy duty connectors
- High reliability

2 YEAR COMPREHENSIVE WARRANTY

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

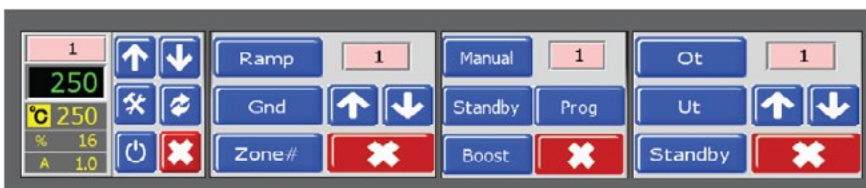


View

- Temperature
- Set point
- Current (A)
- Power %



SIMPLE TOUCH SCREEN CONTROLS





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CAPABILITIES

Control Features	Operational Features	Protection Features	Alarms
APS (Adaptive Process System)	Auto/Manual Control	On-Board Load Fuses	Zone Alarm Configure
Phase Angle, Burst Firing	Zone "on", "off"	On-Board T/C Fuses	(+) High Temperature
Infield Calibration Mode	Menu "Auto Save"	Soft Start	(-) Low Temperature
Thermocouple Slave (Manual)	Boost/Standby (Manual)	Continuous Ground Fault Detection	T/C Open (remembered % output)
T/C Auto/Man Kick-Off		Current Measurement	T/C Reversed
Wet Heater Break-out		Overload Protection	Open Fuse
T/C Filtering		Short Circuit Protection	Open Heater
			Shorted Heater/Wet
			Ground Fault Detection

SPECIFICATIONS

User Interface	Full Color LCD Touch Screen
Display Size	2" (51mm) - 176 x 200 pixels
Control Algorithm	36cm x 39cm x 20cm (14" x 15" x 8")
Power Control	Phase Angle & Burst Firing Modes (Time Proportional, Zero-Crossing)
Control Accuracy	+/- 0.5°C (+/-1°F)
Display Resolution	+/- 1°C (+/-1°F)
Power Response Time	8.3 ms at 60 Hz
Temp. Resolution	+/- 1°C (+/-1°F)
Temperature Scale	°C or °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	240V Single Phase - 10' Power Cord Included
Frequency	50 - 60 Hz Automatic Switching
Ambient Temperature Range	5 - 45°C (41 - 113°F)
Humidity Range	Up to 95% non-condensing
Ground Fault Detection	40mA per Zone
Mold Power and Thermocouple Connection	10' Integrated Power and T/C Cable HAN10A
Input Protection	63mA Nano Fuses on Both T/C legs
Overload Protection	Semi-conductor fuses on both heater legs
Heater Fuses	15A or 10A @ 220V Fast Blow Type
Control Modes	Closed Loop (Auto), Open Loop (Manual)
Languages	English, French, German, Chinese



Equatemp® MD-series
Dual-Zone Hot Sprue
Bushing



REF	Description
MT20202HAN10A	Set
HAN10A	16 A mould end connector