CM9 _DT_

Introducing our most cost-effective hot runner temperature controller...

Our CM9 DT hot runner temperature controller seamlessly blends simplicity with advanced features, ensuring consistent, precise, and reliable mould temperature control. Boasting real-time graphing, robust diagnostics, extensive data logging, and sophisticated PID control within a compact unit. Enhance part quality, minimize waste, and optimize your production line with the EFI CM9 DT

Real-Time Graphing

Precise graphing of temperatures and power consumption for 1 hour. Unique cavity tip power consumption compared to average graphed on a rolling minute to aid fault finding.

Powerful Diagnostics

Automatically detect faults in wiring before they become a problem, with a simple user friendly interface.

Data Logging

Every change made time and date stamped for 1 year, providing true accountability.
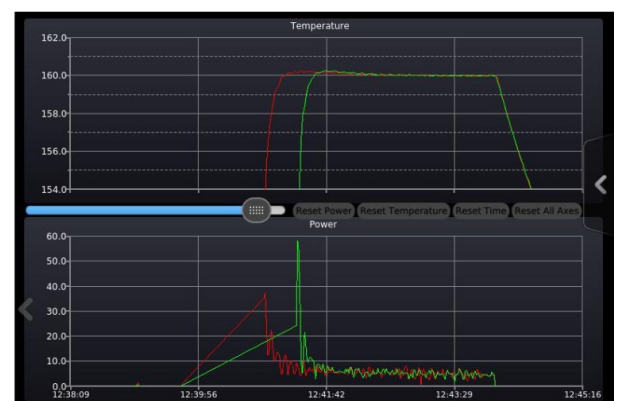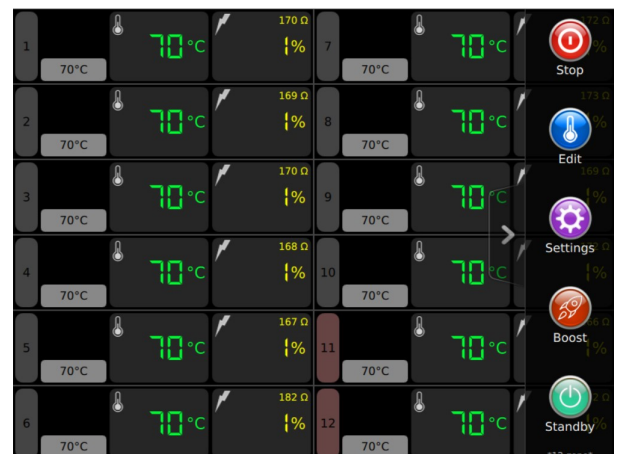
Advanced PID Control

Individually tuneable for each zone, allowing tailored optimisation from nozzle tips to manifolds.

Repairable Compact Design

Can be placed anywhere in your factory thanks to its stackable design and rotating GUI, preserving valuable space. All parts are fully serviceable, reducing your waste.

UK Manufactured

Designed, manufactured and supported here in the UK, providing rapid advice, support

Features:

Control Features
High Resolution Zero Crossing Control
Cavity or Manifold Zone Type Configurable
Temperature (PID), Power and Link Zone Control Functions
Set Point Limit
Set Power Limit
Manifold Pre-Heat
Individual Zone Thermocouple Calibration
Individual Zone PID Calibration
Boost Function
Soft Start Feature
Users With Varying Permission Levels

Reporting Features
1 Year Long Logs
Rolling Hour Power and Temperature Graphs
Rolling Minute Cavity Power Consumption Comparison
Export Logs Via USB
Tool Diagnostics
Press Counter
Screenshot Current View

Alarm Features
Open Thermocouple
Reversed Thermocouple
Cold Thermocouple (Pinched)
No Load
Shorted TRIAC
Temperature Tolerance
Power Tolerance
Tool Motion
Tool State
Press Time

Specifications:

Interface	7 Inch Full Colour LCD
Cabinet Size (mm)	W = 364 D = 290 H = 214 (3 - 12 Zones) H = 364 (15 - 24 Zones)
Weight	13 kg (29 lbs)
# of Zones	3 - 24
Temperature Units	Celsius or Fahrenheit (Software Selectable)
Temperature Resolution	1 Unit
Temperature Range	1 - 500°C (33 - 932°F)
Thermocouple Type	J or K (Software Selectable)
Operating Range	5 - 45°C (41 - 113°F)
Supply Voltage	415 V 4-Pole Star or 220 V 3-Pole Delta
Frequency	50—60 Hz (Automatic Switching)
Overload Protection	16A (3 - 12 Zone) / 32A (15 - 24 Zone) Type C MCB
Heater Fuses	16A Super Fast Blow (FF)
Control Modes	Closed Loop (Default), Open Loop, Linked, Boost, Standby
Ports	USB, Ethernet, Han 7A Interface
Phase Indication	3x Front Panel Neons
Languages	English, German, French, Polish, Spanish, Italian