

Quick Start Guide



Select Screen

- Pilot
- Bar
- Line
- SPC
- Tape
- Tool Graphic
- Data Table
- Setpoint Table
- EZ Screen **2**
- Minicontroller
- Cavity Map Pro
- Mold Doctor®

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Mold 4582B 80 °F 400

Zone 1

Zone	Setpoint	Actual	Power	Auto Manual	Mode
Zone 1	400 F	80 F	0.0 %	Auto	○
Zone 2	400 F	81 F	0.0 %	Auto	○
Zone 3	400 F	80 F	0.0 %	Auto	○
Zone 4	400 F	79 F	0.0 %	Auto	○
Zone 5	400 F	79 F	0.0 %	Auto	○
Zone 6	400 F	80 F	0.0 %	Auto	○
Zone 7	400 F	80 F	0.0 %	Auto	○
Zone 8	400 F	80 F	0.0 %	Auto	○
Zone 9	400 F	80 F	0.0 %	Auto	○
Zone 10	400 F	79 F	0.0 %	Auto	○
Zone 11	400 F	81 F	0.0 %	Auto	○
Zone 12	400 F	81 F	0.0 %	Auto	○
Zone 13	400 F	81 F	0.0 %	Auto	○
Zone 14	400 F	81 F	0.0 %	Auto	○
Zone 15	400 F	81 F	0.0 %	Auto	○
Zone 16	400 F	80 F	0.0 %	Auto	○
Zone 17	400 F	80 F	0.0 %	Auto	○
Zone 18	400 F	79 F	0.0 %	Auto	○
Zone 19	400 F	79 F	0.0 %	Auto	○
Zone 20	400 F	80 F	0.0 %	Auto	○
Zone 21	400 F	80 F	0.0 %	Auto	○
Zone 22	400 F	80 F	0.0 %	Auto	○
Zone 23	400 F	79 F	0.0 %	Auto	○
Zone 24	400 F	80 F	0.0 %	Auto	○

All Zones in this Group Allow Changes **3**

Zone Off
Zone On
In Alarm

All Tips Man/Sprue

Enter Temperature Setpoint

Zone 1

Upper Limit 750

Entry Was 400

Lower Limit 0

Send SP to the 'All' Group

Send SP to the 'Tips' Group

Send SP to the 'Man/Sprue' Group

Send SP to Zone 1

Cancel

- 1** Press and hold to “Select Screen”
- 2** Select “EZ Screen”
- 3** Check “Allow Changes”
- 4** Rotate “Auto”, “Manual”, “Monitor”, “Locked”
- 5** Press “Setpoint”, apply by zone or by group
- 6** Toggle “On” or “Off” by zone or by group

Quick Start Guide



The screenshot shows the EZ Screen interface with the following sections:

- Active Zone Alarms:** A table with columns for Alarm Action, Zone, and Time. The time shown is 5:05:28 PM. To the right are buttons for 'Clear Zone Alarm History' and 'Select Alarm Display' (with checkboxes for 'Active Zone Alarms' and 'Zone Alarm History').
- System Alarms and Status:** A table with columns for Priority, Time, Status, and Description. One entry is shown: Priority (low), Time 5:02:48 PM, Status On, Description Status - OK To Run Activated. To the right are buttons for 'Clear System Alarm History' and 'Reset Critical Overtemp Alarm'.
- Status of 'OK to Run':** A table with columns for Zone and Fault. One entry is shown: Zone (blank), Fault System is 'OK to Run'.

At the bottom of the interface are buttons for 'All', 'Tips', and 'Man/Sprue', and a 'Configure Zone Alarms' button with a help icon.



Alarm Tutor

Zone Alarms:

- Deviation Low Alarm.** The temperature of the zone is below the deviation band.
- Deviation High Alarm.** The temperature of the zone exceeds the deviation band.
- Thermocouple Open Alarm.** The T/C connection is broken.
- Thermocouple Reversed Alarm.** The T/C connection is wired + to - at some point.
- Thermocouple Short Alarm.** The T/C is pinched or the controller thinks that it is pinched. (>98% output must see 20F (11C) rise in 5 minutes)
- Resistance Monitor Alarm.** The resistance of the heater has deviated by more than 40% from the Baseline resistance
- Watt Alarm.** The output for the zone has exceeded the limits that have been entered.
- Open Fuse Alarm.** Fuse on module bad.
- Heater Short Alarm.** The heater is shorted or exceeds the maximum rating of the module.
- Heater Open Alarm.** The heater connection is broken.
- Uncontrolled Output Alarm.** The module has an unregulated output.
- Ground Fault.**

System Alarms:

- Critical Overtemp Alarm.** The temperature for a zone has exceeded the alarm limit.
- Material Protection Alarm.** The machine has stopped cycling and the controller has gone to Standby.

Legend:

- Denotes that the alarm is active at this time.
- Denotes that the alarm turned on when indicated but is not active at this time.

Done