QUICK GUIDE FOR TEMPMASTER™ M2 PLUS CONTROLLER

MAIN SCREENS AND MENUS

CONFIGURE THE CONTROLLER

CREATE A NEW TOOL
CONFIGURE CONTROL CARDS
CONFIGURE TOOL PARAMETERS ZONE BY ZONE
CONFIGURE TOOL AND SYSTEM SETTINGS
SAVE A TOOL / SETTINGS TO THE TOOLSTORE
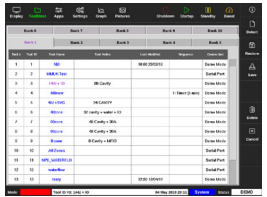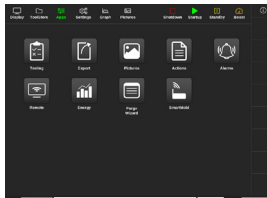SET ZONE TEMPERATURE
SETUP EASYVIEW SCREEN

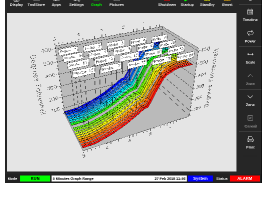### OPERATE THE CONTROLLER

STARTUP PROCEDURE
LOAD TOOL SETTINGS
CHANGE MODES - INDIVIDUAL ZONES
CHANGE MODES - MULTIPLE ZONES
CHECK ZONE PERFORMANCE
SHUTDOWN PROCEDURE

GLOBAL SUPPORT

MAIN SCREENS AND MENUS

Display Screen

Functions:

Monitor and Information: observe zone condition

Control: side command buttons change from page to page

Navigation: tabs allow the user to switch between the different pages

ToolStore Screen

Description:

List of tools with names and saved settings.

Apps Screen

Gives access to other pages:
- Testing
- Export
- Pictures
- Actions
- Alarms
- Remote
- Energy
- Purge Wizard
- Smart Mold

Settings Screen

Description:

Gives access to tool and system settings.

Graph Screen

Description:

Displays graphs of temperature or power versus time for up to 20 zones.

CONFIGURE THE CONTROLLER

CREATE A NEW TOOL

1. Choose [**ToolStore**].
2. Choose an empty tool slot then choose [**Detect**].
3. Enter password if required.
4. Enter tool name.

CONFIGURE CONTROL CARDS

1. Choose [**Settings**].
2. Choose a zone from the Type column.
3. Choose [**Set**].
4. Choose zone type.
5. Change header color if required.
6. Choose [**OK**] to accept the changes or [**Cancel**] to return to the Settings screen without saving any changes.

NOTE: all temperature control cards initally default to probe zones and use probe default values.

CONFIGURE TOOL PARAMETERS ZONE BY ZONE

1. Choose [**Settings**].
2. Choose the zone or zones to be configured and choose the column of the required parameter.
3. Choose [**Set**] and enter password if required.
4. Set the required value.
5. Repeat steps 2 through 5 for each parameter that requires adjustment.

NOTE: see user manual for a list and descriptions of tool parameters.

CONFIGURE TOOL / SYSTEM SETTINGS

1. Choose [**Settings**] and then choose [**Config**].
2. Enter password if required.
3. Choose [**Tool Config**] from Tool Settings or [**System Config**] from System Settings.
4. Choose the required setting and enter the required value or option.
5. Choose [**OK**] to accept the value or choose [**Back**] to return to the Tool or System Config screen without saving.

IMPORTANT: to save any setting change permanently, the user must save it to the ToolStore.

SAVE A TOOL / SETTINGS TO THE TOOLSTORE

1. Choose the ToolStore page.
2. Choose the required tool.
3. Choose [**Save**].

SET ZONE TEMPERATURE

1. Choose the required zone or zones.
2. Choose [**Set**].
3. Choose one of the options:
   - Enter a new value for the temperature
   - Choose [**Add**] - raise the overall temperature
   - Choose [**Subtract**] - lower the overall temperature
4. Choose [**Enter**] to set required temperature or choose [**Esc**] to leave without making changes.

SETUP THE EASYVIEW SCREEN

STEP ONE: IMPORT A PICTURE

1. Save one or more pictures onto the USB memory stick.
2. Insert the USB memory stick into the console and wait 10 seconds.
3. Choose [**Pictures**].
4. Choose [**Import**] and enter password if required.
5. Choose the required picture or choose [**Cancel**] to exit without importing.

STEP TWO: LINK A PICTURE

1. Choose the required picture.
2. Choose [**Link**] and enter password if required.
3. Choose an empty slot and press [**OK**] to make the link or [**Cancel**] to return to the Easyview screen.

STEP THREE: ADD MINI PANEL TO TOOL PICTURE

1. Choose the required picture.
2. Choose [**Show**] and enter password if required.
3. Choose [**Place**] to open the zone selection box.
4. Choose [**Auto**] or [**Alias Name**].
   - [**Auto**]: the zones will be placed sequentially where the user touches the screen. There is no need for the user to press [**Place**] before every zone.
   - [**Zone number or alias**]: the user chooses a specific zone to place and must press the [**Place**] button each time a new zone is to be located.
5. Choose [**Cancel**] to return to the Easyview screen without adding a mini panel.

OPERATE THE CONTROLLER

STARTUP PROCEDURE

1. Use the main switch to energize the cabinet.
2. After the cabinet is switched on, press the console switch until the display lights up.

Once the display screen is on, the console has two options:

- If console startup is set to **Stop**, then the tool remains at zero power, and it does not heat up.
- If the console startup is set to **Startup**, **Standby** or **Run**, the controller applies power to the zones so that they heat up.

LOAD TOOL SETTINGS

1. Choose the required tool and choose [**Load**].
2. Choose [**OK**] or choose [**Cancel**] to exit.

NOTE: if the controller is in Run mode and a tool with a different temperature setting is loaded, then the tool will immediately change to run at the new incoming temperature setting.

CHANGE MODES - INDIVIDUAL ZONES

1. Choose the required zone.
2. Choose [**Set**] and enter password if required.
3. Then choose one of the two following options:
   - [**Boost**]: to raise the temperature of that zone until Boost time expires.
   - [**OFF**]: to switch off the zone.

CHANGE MODES - MULTIPLE ZONES

1. Choose the required zones.
2. Choose [**Set**] to display the keyboard**.**
3. Choose one of the following options:
   - To change to Manual mode: choose [**Manual**] and set percentage power.
   - To Slave a zone: choose [**Slave**] and choose a similar Master zone from the zone list.
   - To return to Auto mode: choose [**Auto**] and enter the required zone temperature.

CHECK ZONE PERFORMANCE

The Graph screen showns graphs of temperature versus time or power versus time for up to 20 zones.

1. Choose [**Graph**] to open the Graph screen.
2. Choose [**Timeline**] to show history of operation for the tool.
3. Choose [**Power**] to show power on the bottom axis of the graph.
4. Choose [**Temp**] to show temperature on the bottom axis of the graph.
5. Choose [**Scale**] to choose the required time interval. Options include: 5 minutes, 30 minutes or 24 hours.
6. Choose [▲] or [▼] to move up or down through the zones.

SHUTDOWN PROCEDURE

1. Choose [**Mode**] from the Display screen and enter password if required.
2. Choose [**Stop**] to reduce the heating load to zero.
3. Choose [**Shutdown**] from either the Mode box or from the upper menu buttons and then accept the confirmation on the screen.
4. Choose [ⓘ].
5. From the Information screen choose [**Exit**].
6. Choose [**OK**] to turn the console off or choose [**Cancel**] to return to the Information screen.

GLOBAL SUPPORT

GLOBAL HEADQUARTERS **CANADA** Mold-Masters (2007) Limited tel: +1 905 877 0185 canada@moldmasters.com	**EUROPEAN HEADQUARTERS** **GERMANY** Mold-Masters Europa GmbH tel: +49 7221 50990 germany@moldmasters.com
ASIAN HEADQUARTERS **CHINA** Mold-Masters (KunShan) Co, Ltd tel: +86 512 86162882 china@moldmasters.com	**SOUTH AMERICAN HEADQUARTERS** **BRAZIL** Mold-Masters do Brasil Ltda. tel: +55 19 3518 4040 brazil@moldmasters.com
INDIA Mold-Masters Technologies Private Limited tel: +91 422 423 4888 india@moldmasters.com	**JAPAN** Mold-Masters K.K. tel: +81 44 986 2101 japan@moldmasters.com
UNITED KINGDOM Mold-Masters (UK) Ltd tel: +44 1432 265768 uk@moldmasters.com	**U.S.A.** Mold-Masters Injectioneering LLC tel: +1 800 450 2270 (USA only) tel: +1 (248) 544-5710 usa@moldmasters.com