

DISPLAYS

DS1	T° (temperature) detected by the sensor
DS2	Scale (Fahrenheit or Centigrade)
DS3	T° entered for Spray Cycle
DS4	T° entered for Flash-off
DS5	Time (minutes) entered for Flash-off
DS6	T° entered for Cure Cycle
DS7	Time (minutes) entered for Cure Cycle

PROGRAM BUTTONS

P1	Cycle start
P2	Enter Spray T°
P3	Continuation of cycle (from Spray to Flash-off and manually to Cure)
P4	Enter Flash-off T°
P5	Enter Flash-off Time
P6	Enter Cure T°
P7	Enter Cure Time
P8	Increases T° and Time Settings
P9	Decreases T° and Time Settings
P10	Burner On/Off

LED LIGHTS

L1/L2	Give the status of the heat and alarm relays.
L3	ON, Press P1 to start. Flashes during the cool down cycle. OFF, after the start.
L4	ON, Press P3 to go from Spray to next cycles.
L5	ON, Burner is available to work.

SWITCHES

Stop	Emergency stop, cuts off voltage to all spray booth and thermoventilation unit components.
S1	Selector controls the motorized damper; for booth pressure regulation
S2	Booth lighting selector

FOR EMERGENCY ONLY (For example, someone hurt, building on fire): DO NOT USE TO ROUTINELY STOP THE MACHINE.

SBC-Plus CONTROL PANEL by Team Blowtherm®

Programming the SBC-Plus Controller with SmartCure™:

- At the beginning, only the screensaver is on. Press any green program button (P) to activate the display.

The Start (L3) LED lights, and the displays show the programmed T°s and times as well as the sensor T°.

- Start the controller by pressing the Start (P1) button. Within a few seconds the spray cycle will automatically begin.

All displays except Spray (DS3) will dim. Cure (L4) and Burner Ready (L5) LEDs will light up.

- At the end of the spray cycle (or when spraying is completed), press the Cure (P3) button. "Pr1" (PR1) will appear in the DS1 window. To select one of the SmartCure™ presets, continue to press the P3 button until the desired selection displays in window DS1. The selection will flash six times, then be automatically saved in memory.

Flash-off then automatically begins. Flash Time (DS5) will display the set flash cycle time, and this cycle will be carried out at the T° shown by Flash T° (DS4).

During the flash-off time the sensor temperature, Flash Time and Flash T° displays show the running cycle, and the Burner Ready LED is on. The Flash Time display will count down to show the time remaining until the end of the running cycle.

Parameters for paint systems requiring second-tier cure are also set or changed while the spray booth is operating in the flash-off cycle. Enter T° (P6) and time (P7) in window from data provided by Team Blowtherm for SmartCure™ products. SmartCure™ remembers the final settings as the default until they are changed again.

- At the end of the time entered for the flash-off cycle, the controller will automatically advance to the SmartCure™ accelerated cure cycle. Current settings will display in Cure T° (DS6) and Cure Time (DS7).

During the SmartCure™ cycle the sensor temperature, Cure T° and Cure Time displays show the running cycle.

The minutes shown by Cure Time will count down to show the time remaining until the end of the running cycle.

SmartCure™

Accelerated Paint Cure System
by Team Blowtherm.

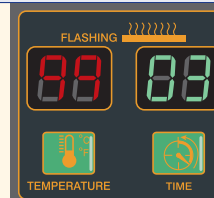
PRESETS

PR1 is for standard baking temperatures only, and requires manual setting of both Cure temperature and time. (See at right.) The remaining PR numbers are automatically preset for SmartCure™ as follows:

Program	Temperature	Time
PR2	199°	5 minutes
PR3	199°	8 minutes
PR4	199°	10 minutes
PR5	199°	18 minutes

HEATING HEAD START

Programming the Flash T° to 99° in DS4 for 3 minutes will pre-heat the cabin prior to the curing phase, while at the same time enhancing the drying process and optimizing resources!



Setting T° and Times

To change this setting:	Press this button:
Spray T° (DS3)	Temperature (P2)
Flash-off T° (DS4)	Temperature (P4)
Flash-off time (DS5)	Time (P5)
Cure T° (DS6) (PR1 only)	Temperature (P6)
Cure time (DS7) (PR1 only)	Time (P7)

Once the decimal within the selected display begins flashing, change the number up or down by pressing the Up (P8) or Down (P9) buttons.

Once the display shows the desired number, press the same (P) button again to set the selection. The display will stop flashing.

If no change to the display is made within 90 seconds after pressing the program button, the controller will automatically abandon the procedure and revert to the previous setting.

Quick-STOP Shortcut: Need to go from Spray or any other phase to Stop? Press Down (P9), then Cure (P3). This button sequence will completely stop the machine.