The GlassMaster Controller

DESIGNED BY GLASS ARTISTS

■ The GlassMaster controller is the product of years of research. We asked artists and glass manufacturers all over the country what features they would like to see in a controller. The result is a controller that's extremely easy to program and offers the flexibility of a wide array of innovative features.

TWO WAYS TO FIRE YOUR GLASS

■ **Glass Fire Mode.** Only Skutt offers Glass Fire Mode. These pre-stored programs were designed by professionals to fire a wide range of products and glass types. This 3 step programming mode is so easy to use, a beginner can fire with perfect results the very first time.

• Exclusive to Skutt
• Only 3 Steps
• Easily modified
• Slump, Fuse or Tack Fuse
• Fires a wide range of sizes

■ **Ramp/Hold Mode.** This programming mode allows advanced users to design and run their own custom programs.

• Up to 16 segment programs
• Customize each segment with your own Rate, Hold Temperature and Hold Time
• Stores 6 of your favorite programs to use again and again
• Easy to recall stored programs
• **NEW**-Program a vent to cycle on or off for each segment

The GlassMaster Control Panel
Now with Built-in Current Sensor for diagnostics

LED Display

MENU allows access to advanced programming features.

BACK allows you to input the correct data if an error has been made.

The Anneal key is pressed when the glass has attained the desired heatwork and the artist wishes to begin the annealing process.

Add Time key adds time to the final heating segment in increments of 5 minutes during the firing.

Add Temp adds 5 degrees F of heat to the final heating segment.

The View key will display the current segment of the firing program.

The GlassMaster can be programed in Fahrenheit or Celsius.

The Review key displays the program that is currently loaded.

The Start key begins the program.

The Stop key will stop the program at any point in the firing.

Glass Fire key accesses preset fusing, slumping, and tack fusing programs with choices of varying firing speeds.

The Cycle key is used in conjunction with the Glass Fire key to choose various options.

Ramp Hold allows the professional to construct and store their own specialized firing programs.

For quick access to stored Ramp Hold programs simply press the Recall key.

■ **Program on the fly.** With the GlassMaster Controller you can adjust programs based on what the glass looks like while the kiln is firing with the single touch of a key.

• Add Time or Add Temperature in 5 minute increments
• Use Anneal Now to stop the heatwork and move directly to the Annealing Segment
• Use View Segment to monitor the progress of the program

■ **New Software.** The newest version of the GlassMaster Controller has some great new features.

• New Current Sensing allows Skutt Technicians to diagnose your kiln over the phone
• Program in a Delay Start to fire your kiln when it's convenient for you
• Set a temperature alarm to alert you when the kiln is approaching peak temperature
• And so much more

For information on the GlassMaster LT controller check out the HotStart on page 9.

HOW IT WORKS

To use Glass Fire Mode
1. Match your project to the chart at right to determine the correct firing speed.
2. Choose Full Fuse, Tack Fuse, or Slump.
3. Press Start. It's that easy!

To use Ramp & Hold Mode
■ **Use Ramp and Hold Mode** for more specialized programs. See the chart below.
1. Choose the number of segments
2. Enter the Rate, Temperature and Hold for each segment.
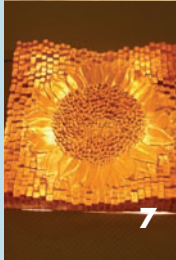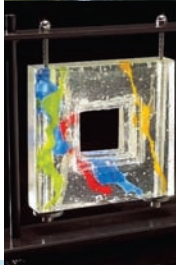3. Press start.

FAST	1/8" THICK - 18" DIAMETER OR SMALLER 1/4" THICK - 4" DIAMETER OR SMALLER 3/8" THICK - NOT RECOMMENDED
MEDIUM	1/8" THICK - 20" DIAMETER OR SMALLER 1/4" THICK - 8" DIAMETER OR SMALLER 3/8" THICK - 5" DIAMETER OR SMALLER
SLOW	1/8" THICK - 24" DIAMETER OR SMALLER 1/4" THICK - 18" DIAMETER OR SMALLER 3/8" THICK - 12" DIAMETER OR SMALLER 1/2" THICK - 8" DIAMETER OR SMALLER

Glass Fire Mode Chart

FULL FUSE - SLOW	1	2	3	4	5	6	7	8
RATE (°F/HR)	300	300	300	600	600	9999	30	60
TEMPERATURE (°F)	250	500	750	1250	1480	1000	970	750
HOLD TIME (HR.MIN)	00.25	00.25	00.25	00.20	00.15	02.00	02.00	00.01

RAMP AND HOLD MODES USED FOR MORE SPECIALIZED FIRE PROGRAMS

Ramp and Hold Chart

GLASSMASTER CONTROLLER