



GM-2 LT Addendum

The GM-2 LT is a 120 Volt controller designed to upgrade manually operated glass kilns to be automatic. The 3 button controller is the same one that is included on the Skutt HotStart Pro and FireBox 14 Kilns. It includes the following features:

- GlassFire Mode - 9 Adjustable Preset Fusing and Slumping Programs
- Ramp and Hold Mode - Store 5 custom programs with up to 8 segments each.
- Temperature Alarm - Sound an alarm at any given temperature
- Edit on the Fly - Add time, temperature or skip a step without having to stop the firing.
- Will work with any 120V kiln 15 amps or under .

Kit Includes

- GM-2 120V Kiln Controller
- 8ft Type K Thermocouple Wire
- 6 inch Type K Thermocouple with Jack.
- Mounting Flange with Screws.

Installation Instructions

Mount GM-2 LT

The GM-2 LT controller can either be mounted to a wall or sit upright next to the kiln. Locate it at least 18" from the kiln to ensure the electronics stays cool. Plug the kiln into the GM-2 LT controller and the controller into a grounded 120V outlet.

Install Thermocouple

Many kilns will already have a pyrometer installed on them. If that is the case you may be able to use the current thermocouple flange and hole. The existing hole should be small enough to ensure a snug fit. If the hole is too large you will need to pack ceramic fiber around the thermocouple to seal any gaps.

If there is no hole in the kiln (or it is too small) you will want to drill one using a 5/16th" drill bit. Drill the hole in an area as close to the center of the kiln as possible. Be sure to leave as much room as possible from elements. We recommend at least 1/2". Once the hole is drilled position the thermocouple flange centered over the hole and secure it to the kiln with the screws supplied. It is most convenient to locate the set screw on the top side of the flange.

Place the thermocouple through the flange so it is sticking out into the chamber at least 1" to ensure a proper reading. **CAUTION: If you were to turn on the kiln with the thermocouple not properly exposed to the interior chamber of the kiln you could risk severely over-firing your kiln.**

Operation

Your GM-2 LT uses the same controller as comes with the FireBox 14 and HotStart Pro kilns. We have included a manual for these kilns to be used for programming instructions.

