

## FLAME WORKING KILN – MICRO SCARAB

### GREAT STARTER KILN FOR FLAMEWORKING

The Micro Scarab is perfect for flameworkers who are starting out or are just working with smaller projects. It runs on common household 120V service so you can plug it in just about anywhere. If affordability and portability are important to you, this could be your perfect Scarab model.



### FEATURES

#### The Controller

- The software for the COE Controller was developed by Flameworker Marcel Braun to fit the specific needs of the Boro Flameworker.
- It can be easy as pressing Go to start working and Go twice to anneal your piece and call it a night.
- The Controller is programmed to heat to 1100 F but you can set it for whatever temperature you want.
- You can choose between the 3 preset Annealing programs or create your own.



Marcel knows how important to know how long your piece is at the set point temperature. That is why he programmed a feature in the controller that tells you exactly that amount of time. If you dip below that temperature it waits until it is back to set point and restarts the clock.

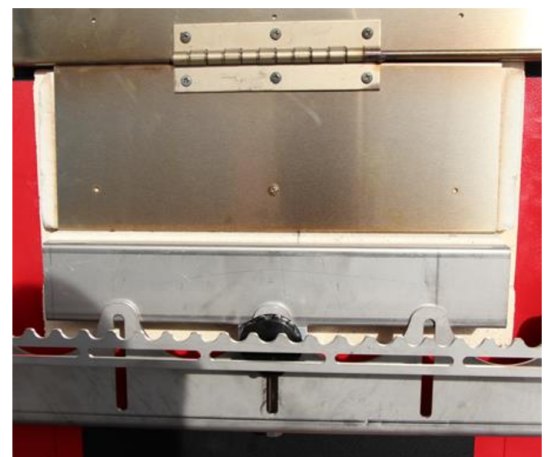
- It also includes built in striking and repair programs.
- Watch the video listed on our website.

#### Primary Point Rest

The Primary Point rest is designed to slide up and down to support your rods and tubes. If your handles are extremely long we would suggest adding the Optional Secondary Point Rest which extends further out from the kiln and is fully adjustable up and down.

When you are ready to anneal you slide all the point rest up tight against the doggie door to seal off the chamber.

The point rest is constructed of solid brick and stainless steel for maximum life. To operate it simply loosen the knob, slide the rest to the position desired and tighten the knob. It was specifically designed to be a one hand operation so you can hold your glass with the other hand.





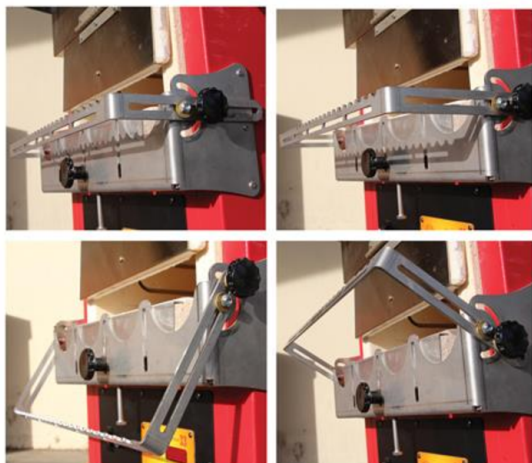
## The “Doggie” Door

The Doggie Door (sometimes referred to as bead door) is the brainchild of master flameworker Marcel Braun. It is constructed using a channeled **stainless steel** frame which holds a section of soft fiberboard. When you close the door it rests gently on your glass handles, sealing in the heat without scratching the glass. If they ever wear out you can replace them easily and inexpensively. The doors are **counterbalanced** to stay open on their own with weighted wood **handles that stay cool** to the touch.

## Removeable Chasis

Let's face it, these kilns are heavy!. The last thing you want to do is to start wrestling around with them to get at a component that needs to be replaced. All Scarab kilns are designed with a **Removeable Chasis** which holds all the main electrical and electronic components. Just remove the screws that hold it in place and slide it out. You can even disconnect the power cord and ship the whole thing back to Skutt for testing if necessary.

One of the most problematic components of kilns has traditionally been the relays. Mechanical relays have a limited life which is why Skutt has upgraded all Scarab Kilns with **Solid State Relays**. These relays are kept cool with a **fan mounted in the side** of the kiln (not necessary on the Mini and Micro Scarab because the Amps are so low).



## Optional Secondary Point Rest

The Optional Secondary Point Rests, **another unique design of Marcel Braun**, are generally ordered on just about every Scarab that goes out of here. Flameworkers love its ability to hold long handles, preventing their work from popping up off the floor. Its well thought out design allows you to move the rest to almost any position you want. It not only moves in and out but also moves up and down. The scalloped edge ensures that your rods will stay in place. **Do Not Forget To Order This Upgrade.**

## Optional Stand

Purchasing the Optional Stand available for the Scarab and Mini Scarab is one of the smartest decisions you can make. Granted, it is not cheap...but that is because...well...IT'S NOT CHEAP. Did I mention these things are heavy? These stands are built to not only hold the weight, but also to roll around. Think how nice it would be to roll your kiln out to your pickup and then back out to your demo location. Believe me, having moved literally a ton of these kilns, it makes a difference.

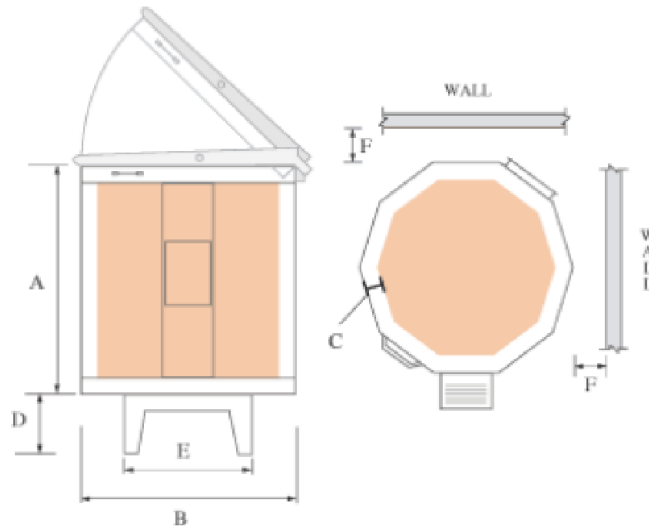
The stands are constructed of heavy duty square tubing and are equipped with high quality locking metal wheels (won't develop flat spots if they sit too long). It also has a convenient, built in, expanded metal tray that will catch falling glass and provides a place for your tools.



Pictured with old design. New design has metal wheels.

# PRODUCT SPECIFICATIONS AND DIMENSIONS

## DIMENSIONS



Model	Phase	Volts	Maximum		Power		Copper Wire Size	NEMA Receptacle	BTU's
			Cone	Temp(F)	Amps	Watts			
MICRO SCARAB	1	115	0	1700	14.3	1650	12	5-15	0

O.D. Dimensions					
A	B	C	D	E	F
24	23	3	-	-	18

## CHAMBER CAPACITY

Approximately 12 in. x 8 in. opening and 9.25 in. high. 0.5 cubic feet.

Depth	Opening Width	Opening Length	Cubic Ft.
9.25in.	12in.	8in.	0.5



## Controller

Thermocouple: K  
 Clock: 60 Mhz  
 Voltage: 0 DC Relays  
 Output: 0 Volts DC  
 Fuse: 0.5 AMP



## WARRANTY

- Unlike most warranties, ours covers Parts **AND Labor**.
- Never Pro-Rated.
- Serviced by the most extensive, knowledgeable and talented distributor network in the industry.
- Backed by a company whose mission statement is “We help you make great things”. When your kiln is down, you can’t make great things.

## **SHIPPING**

Weights listed are only approximations. Actual weight will vary due to humidity levels and varying brick density.

Weight(lbs): 120

Skutt Kilns should arrive fully assembled.

Packed with the kiln you will find the following items:

- Extra Thermocouple (unless Type S)