



## Western Texas College Foundation INSPIRE Program

Completed applications must be received on or before the due date (April 21, 2023) to the WTC Foundation located in the Library Resource Center (Building 2) OR via email to sheila.hale@wtc.edu. Applicants are encouraged to submit all necessary documents as soon as possible to assure that a last minute delay will not preclude consideration for a program award.

### 1. APPLICANT INFORMATION

FIRST NAME: Patrick LAST NAME: Schneider  
DEPARTMENT: Art TITLE: Instructor  
EMAIL ADDRESS: Pschneider PHONE: 325-574-7661

### 2. PROJECT

Project Name: Electric Kiln  
Fund Amount Requested: \$ 4,500.00  
Amount of funding from other sources for project: \$ \_\_\_\_\_  
Have you applied for funding before from the Western Texas College Foundation?  YES  NO  
If yes, for what project and how much did you receive? 3D Printer \$5,000.00

Project Abstract (In the space below, please provide a one to two sentence description of project):

### 3. PROJECT PROPOSAL

Please prepare a project proposal (no longer than 2-3 pages) that includes the items listed below. Additional pages may be included to provide supporting documentation if needed.

#### A. Description

- Provide a detailed description of the proposed activity or program
- Outline how completion of the proposed activity will benefit students, the department, division or the institution. Is there a community benefit?

- c. Detail the implementation plan.
- d. Explain how the activity or program will be evaluated.
- e. If applicable, list the equipment and materials needed to complete the project.
- f. If the amount requested does not fully fund the project, what other sources of funding are available?

**B. Expenses**

- a. Outline all *proposed* expenses. Be specific. The Western Texas College's policy on reimbursable expenses applies to all actual expenditures, e.g. travel, supplies, etc.
- b. Please inform the Western Texas College Foundation of any other sources of funding available for this proposal.
- c. If awarded, you will need to provide copies of all receipts for approved expenditures.

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I understand and agree to the following provisions:

- 1. Ownership of materials produced as a result of this award will be in accordance with current policies of Western Texas College.
- 2. In addition to the final report, if applicable, I will provide Western Texas College Foundation with one complete copy of all materials produced.
- 3. I agree to present my project or report to the Western Texas College Foundation Board, if requested.
- 4. The expenditure of funds and request for reimbursement must be in the same fiscal year.
- 5. **Approved funds must be used within same fiscal year as designated by terms of award.**

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**CERTIFICATION**

**Applicant Signature:**

My signature below certifies that the information provided in this application is accurate and complete to the best of my knowledge. I authorize Western Texas College Foundation to release any information contained in this application to WTC departments.

Signature: Patricia Alvidar

Date: 4/20/23

**Supervisor Signature:**

Signature: [Signature]

Date: 4/20/23

**Administrator Signature:**

Signature: Stephanie Ducheneaux

Date: 4/21/23

The Art Department is asking for funds to purchase one new electric kiln. The current 2 kilns that the department has are both old (estimated around 20 years). They have required frequent maintenance over the past two years and had already been serviced by a professional in 2019.

The electric kilns are essential for multiple art classes that take place at WTC, including 2346 Ceramics, College on the Square pottery, Upward Bound pottery classes and public school workshops. Electric kilns are the first stage that all ceramic work must be fired in to reach a bisque state (1888 F°). This must be done before work can be glazed. Additionally, the electric kilns are quite often used for low-firing glazed work(1888-1945 F°). Over the course of an average year, an estimate of 750- 1,000 works are fired in the electric kilns.

The implementation of this grant will be quite simple. The closest company that furnishes Skutt Kilns has already been contacted. The assembly would take about a month and would then be shipped. The kiln would then be installed in the kiln yard of WTC Art Department and could be implemented just in time for this Summer's College on the Square class in July.

We are asking for \$ 4,500.00 to purchase a Skutt km-1227 model Kiln.

A product description is attached.

Price Quote:  
Closest Kiln supplier

American Ceramic Supply  
76105  
Fort Worth, TX

Skutt KM 1227-3 Ceramic Kiln, 240V, single phase, drilled, stand, manual, warranty,  
thermocouple - \$4005.00

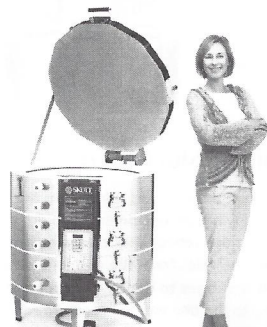
Shipping to school, lift gate, limited access, notification for delivery if 2 pallets - no inside  
delivery, no wiring - \$358.55



BENEFITS MODELS ACCESSORIES BUILD A KILN UPGRADES FEATURES AND PARTS KILN REVIEWS

# KM-1227

Home > Ceramic Kilns > KM-1227



## The Workhorse

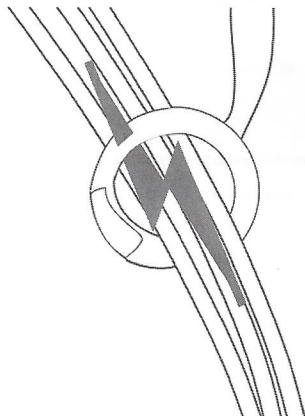
Look in almost any classroom or Contemporary Studio and you will find a KM1227-3. It is hands down the most popular low fire production kiln on the market. With the largest diameter chamber size of our round top loading kilns, it can pump out volume and size!

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https://skutt.com/products-page/ceramic-kilns/km-1227/



Prior to the use of these current sensors someone would have to come to your house and test the amperage and voltage inside the control box with live wires exposed. This system is **Much Safer.**

## Sectional Design

Sectional Design is a good idea on so many levels.

### Moving

Imagine trying to move a kiln into the basement or through a narrow door without being able to break it down into sections.

### Repair

No more standing on your head in the kiln to replace those bottom elements or removing every brick in the kiln to get to the one you want to replace. Just remove the control box, unhook the buckles and place the section you want to work on on a table.

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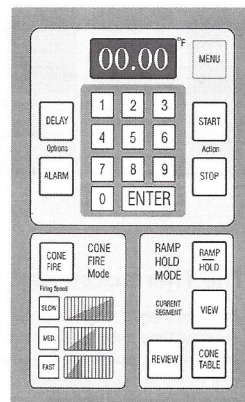
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[The Controller](#) | [Current Sensing](#) | [Sectional Design](#) | [Balanced Elements](#) | [Precision Thermocouples](#) | [Best Warranty](#) | [Lid Lifter](#) | [Even more...](#)

## Sophisticated, Yet Easy to Use

- Write your own firing programs with up to 32 Segments using **Ramp and Hold**. Now you can store up to 12 programs.
- ... or use the tried and true factory set programs in **ConeFire Mode**
- **Built in Diagnostics** give you or our technicians the ability to diagnose kiln problems with just a few button presses.
- New **Safety Features** help prevent accidental starts and overfires.
- New software keeps track of your **Firing Costs** and the **Number of Firings**
- **Fuse Glass, Slow cool Cone 6 Glazes, Grow Crystals**...whatever you want to program this controller can handle.
- ...and **so much more.** [Click Here](#) to see the whole story.



## Current Sensing Technology

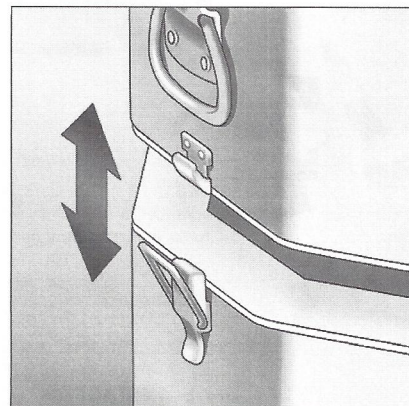
Skutt is one of the few brands that installs a **Current Sensor in every KilnMaster Kiln**. This allows you to read the **Amperage** of each section of the kiln as well as the **Voltage** and **Voltage Under Load**.

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## Balanced Elements

A large amount of the heat you lose in your kiln passes to through the lid and slab of your kiln. To compensate for this, Skutt directs more heat to these areas when they design the elements. The fact that we have twice the element grooves in our kilns gives us more design flexibility than some of our competitors.

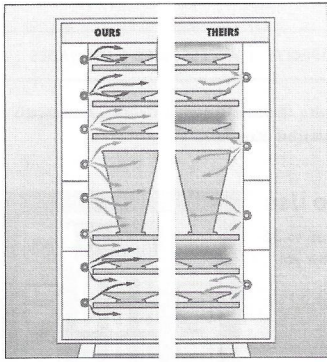
It also gives you more loading options since it is always recommended to have at least one element radiating between each layer of shelves. Oh and by the way, twice the grooves means you get twice the amount of element wire, which means...

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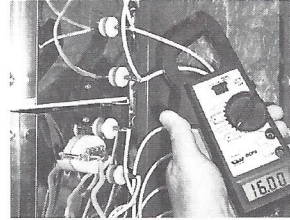
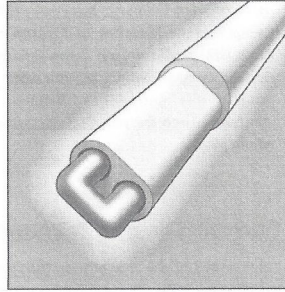
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### The Thermocouple

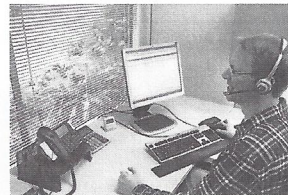
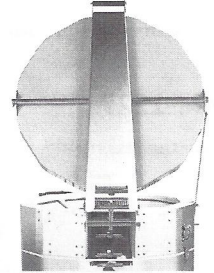
- Exposed Thermocouple equals faster reaction time and higher accuracy.
- Inexpensive, plus we give you an extra one when you buy your kiln.
- Easy and quick to replace.
- Type S (Platinum) Upgrades Available.



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.

### The Lid Lifter

- Standard on all 10 and 12 sided ceramic kilns
- Lift 100lbs with ease!
- All stainless construction.
- Easy and safe to tension.

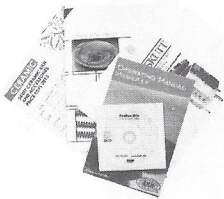


### And So Much More!

When you are buying a kiln, you are not just buying the equipment, you are also buying the service that comes before and after the sale. From the moment we cut that first brick to the day you open the box, to the day you are ready to retire it, our reputation is on the line and we take

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### [KilnMaster Operation Video](#)

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