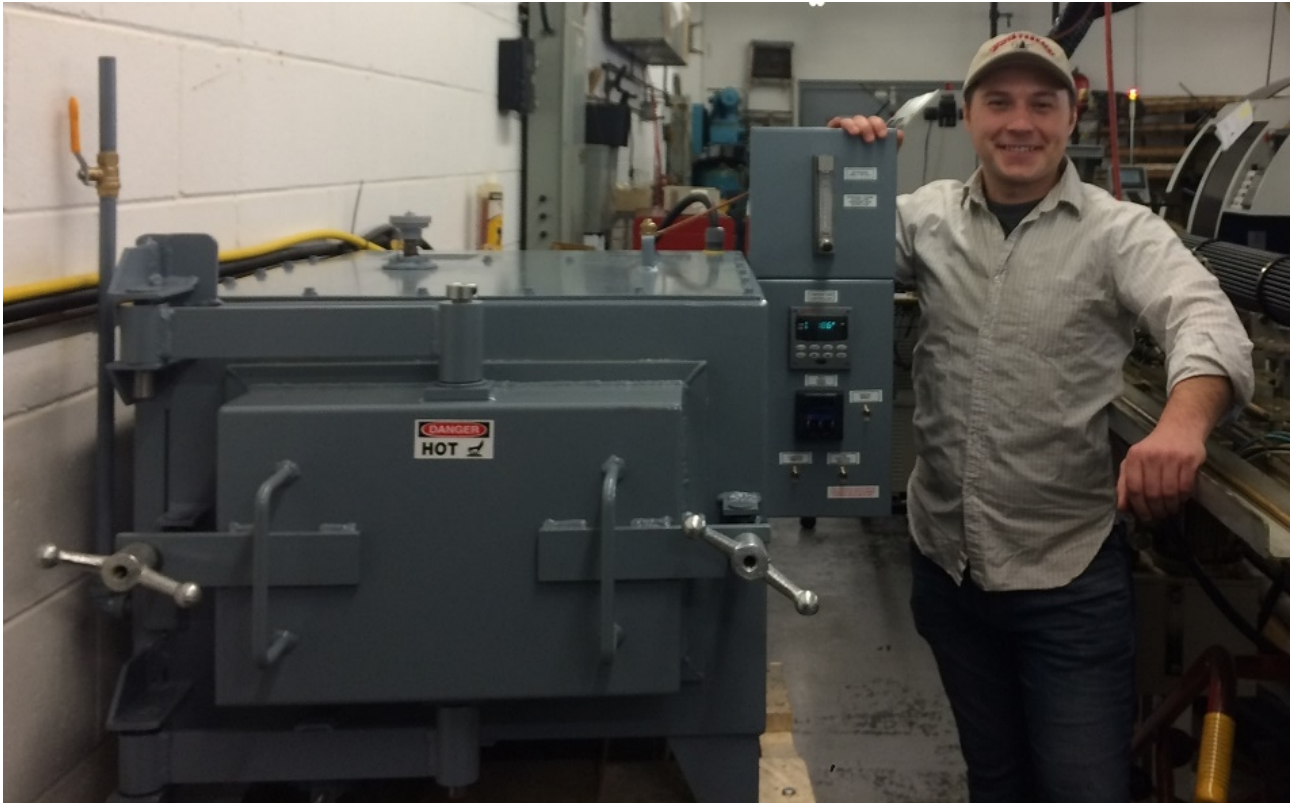


# Lucifer Furnaces Equips R. Hueter with Benchtop Oven for Heat Treating with Nitrogen

Published on March 9, 2017 at 10:02 AM

From [Lucifer Furnaces](#)

Mar 9 2017



**R. Hueter Co, Beverly Massachusetts, a northeast CNC machine shop specializing in male and female RF connector contact production has added a Lucifer Furnaces' heat treating oven to meet their growing heat treating needs.**

Adam Hueter, Operations Manager, chose Lucifer Furnaces because of their reputation for delivering high quality products at an affordable price. Model 42GT-H12 was customized as a bench top unit. With a chamber size of 9" x 12" x 12", this oven is insulated with 5" of both insulating firebrick and mineral wool backup.

4 KW power allows fast heat up to 1200°F. GT ovens, built for operation using inert atmosphere, are crafted with a continuously welded outer steel shell and gasketed roof plate. A strong seal on the double pivot door is achieved with a square gasket around the door perimeter to form a tight seal to the oven face-place.

Swing bolts with T handles make clamping easy. The stainless-steel liner baffles the work

chamber from the side wall heating elements and directs the air flow horizontally through the chamber for uniform heating. Hueter choose a Honeywell DC2500 temperature controller with a Soak Timer to shut off heating elements at the end of a programmed cycle in addition to a Flowmeter mounted and piped to the oven for easy connection their atmosphere supply.

Hueter plans to use the furnace primarily around 600°F for 2 hr cycles to achieve a specific Rockwell hardness with small lots of Becu pins under a nitrogen atmosphere to reduce surface oxidation in order to achieve a scale free, bright finish.

After installation, Adam notes *“Right now the oven is running like a dream! I am completely satisfied with my Lucifer Oven and your team has given me great support along the way.”*

# Lucifer Furnaces

## Address

2048 Bunnell Road  
Warrington  
PA, 18976  
United States

**Phone:** 1 (215) 343 0411

**Fax:** 1 (215) 343 7388

**Email:** [info@luciferfurnaces.com](mailto:info@luciferfurnaces.com)

[Visit Website](#) 

For over 65 years, Lucifer Furnaces, Inc. has manufactured high quality heat treating equipment and industrial ovens for businesses worldwide, from small Tool Rooms to large Corporations, Laboratories and Schools. Combining our experience, capabilities and knowledge, we provide customized heat treating solutions. Our excellent service and support has gained us customer confidence and loyalty. Lucifer Furnaces' extensive product line includes industrial furnaces, quench tanks, and industrial ovens suitable for a variety of applications including hardening, drawing, annealing, brazing, sintering and stress relief in both air and atmosphere. Bring your heat treating in-house to improve quality, speed up turnaround time and avoid minimum lot charges. Lower your cost of operation with our energy efficient, high performing industrial ovens, heat treating equipment and high temperature furnaces.

- Box Furnaces
- Dual Chamber Furnaces
- Atmosphere Furnaces
- Industrial Ovens

- Top Loading Furnaces
- Bottom Loading Furnaces
- Continuous Furnaces
- Car Bottom Furnaces
- Gas Fired Furnaces

## **Primary Activity**

Furnace Manufacturer