

# Microheaters

The secret to the best functioning of any microheater lies also in their special ceramic base, made from the unique NanoFractalAlumina™ materials and Fractalins™ materials . Heaters available upto **1900°C**. Typical models shown below. Customization is possible for large volume orders and special orders.

## Microheater Models:

### **Spiral Microheater (1400°C and 1900°C)**

[resources](#)

	<b>Unique high watt density Design with terminals on circumference or as shown (Substrate heaters)</b>	
	Maximum Temperature	Key Selection Feature
<b>General specifications:</b>	<b>MC-1900-1</b> - 1900°C	available in 1", 2", and custom
	<b>GA-XP</b> - 1400°C	1", 2", 3", 3.5" and custom

### **Serpentine Microheater (1400°C and 1900°C)**

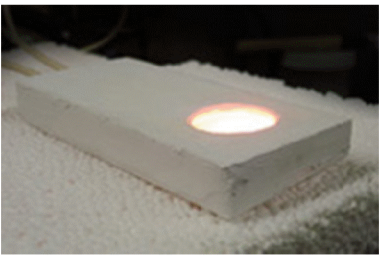
[resources](#)

	<b>Unique high watt density Design with terminals on circumference or as shown (Substrate heaters)</b>	
	Maximum Temperature:	Key Selection Feature:
<b>General specifications:</b>	<b>MC-1900-1</b> - 1900°C	available in 1", 2", and custom



	<b>GA-XP</b> - 1400°C	available in 1" and custom
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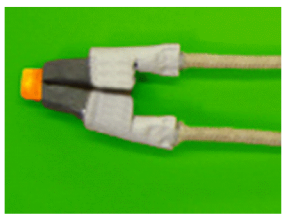
<b>HeatPad™ Microheater (1250°C and 1600°C)</b>	<a href="#">resources</a>
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**Unique high watt density, one-sided circular spot heater**  
**1", 2", 3", and 3.5" models**  
**Design with terminals as shown**  
**Substrate Heater**

	<b>Maximum Temperature:</b>	<b>Key Selection Feature:</b>
<b>General specifications:</b>	<b>PH-G4 Models</b>	available in 1", 2", 3", 3.5" and custom

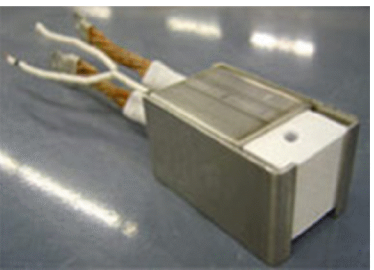
<b>Microplate™ (1000°C - 1900°C)</b>	<a href="#">resources</a>
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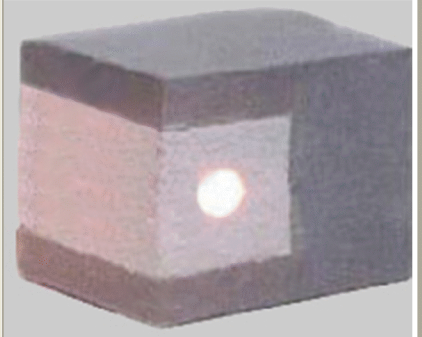
**Heat Fluids and Foams**  
**Hydrogen Products Heater**  
**Use as igniter**

	<b>Maximum Temperature:</b>	<b>Key Selection Feature:</b>
<b>general specifications:</b>	<b>MPT10</b> - 1800°C	use ac, dc power or battery
	<b>MPT20</b> - 1900°C	use ac, dc power or battery

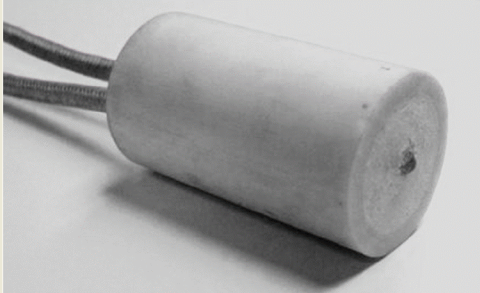
<b>Microtube™ (1600°C - 1900°C)</b>	<a href="#">resources</a>
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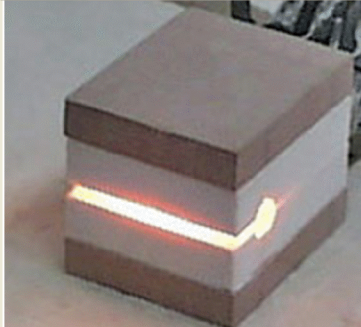
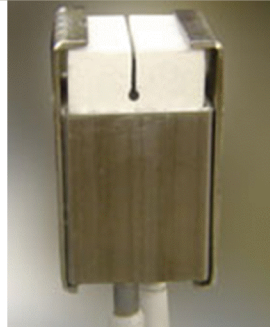


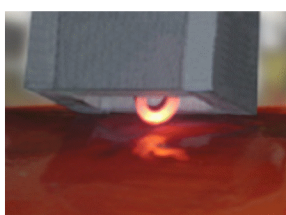
**Customized length to customer requirements.**



	<b>Maximum Temperature:</b>	<b>Key Selection Feature:</b>
<b>general specifications:</b>	<b>THM</b> - 1900°C	ID = 2.6mm

Micro Igniter (Ignitor) (1250°C - 1900°C models available)		<a href="#">resources</a>
	Customized length and igniter dimensions made to customer requirements.	Use From 1200-1900C (different models) Power: 30 Watts and upward.
general specifications:	<b>Maximum Temperature:</b>	<b>Key Selection Feature</b>
	MHGI1250 MHGI1900	Custom

MicroFiber™ (1900°C)		<a href="#">resources</a>
	The most clean and affordable high temperature electrical solution for fiber heating.	
<u>GUHE-10</u>		<u>FibHeat200</u>
general specifications:	<b>Maximum Temperature:</b>	<b>Key Selection Feature:</b>
	<u>FibHeat200</u> - 1900°C <u>GUHE-10</u> - 1800°C	Maximum Watts: ~200 W Current: ~ 75A

MicroHotKnife™ (1900°C and 1400°C)		<a href="#">resources</a>
	Designed to cut polythene films at speeds up to 1.2 ft/s	
general specifications:	<b>Maximum Temperature:</b>	<b>Key Selection Feature:</b>
	<u>HK-11</u> - 1900°C	Operates on AC, 120 Volts, 1 ph, 60 Hz



**Microheaters are also available in custom shapes**

