



# High-Performance Heating Igniters

Premium Ceramic Igniters



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CoorsTek igniter products deliver exceptionally dependable ignition in heating systems of every type. We work with all leading control manufacturers to supply state-of-the-art hot surface igniters for a wide variety of ignition systems. These include 24 V, 120 V, and 208/240 V control systems used in conjunction with CoorsTek igniter products.

- Positive ignition over a wide range of gas-air mixtures and conditions
- High physical and thermal strength
- Flexible design
- Easy mounting
- Large selection of standard terminals
- CSA design certified

Standard mounting configurations are available.



Our family of igniter products

**Contact us for more information**  
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IGNITER FAMILY	TRADITIONAL IGNITERS		MINI-IGNITER™	
MODEL NO.	201	271	401	601
Time to 980°C	34 sec.	17sec.	3 sec.	5 sec.
Room temperature resistance	45-400 Ohms	40-100 Ohms	1.0-6.0 Ohms	25-300 Ohms
Temperature range:				
Minimum	1800°F/ 980°C @ 102 V		1895°F/ 1035°C @ 20.4 V	1800°F/980°C @ 102 V
Maximum	3100°F/ 1705°C @ 132 V		2875°F/1580°C @ 26 V	2875°F/1580°C @ 132 V
Typical	2400-2650°F 1320-1455°C @ 120 V		2102 - 2650°F 1150 - 1455°C @ 24 V	2102 - 2650°F 1150 - 1455°C @ 120 V
Steady-state current	3.50-5.0 Amps @ 132 V		1.0-2.2 Amps @ 24 V	0.4-1.2 Amps @ 120 V
Igniter material	recrystallized silicon carbide		proprietary ceramic composite	
Holder material	Standard and custom designs available in alumina, steatite or cordierite			
Lead wires	Length to suit (maximum 36")			
Control system	Compatible with all leading manufacturers' systems			

The chart is intended to illustrate typical properties. Property values vary with method of manufacture, size, and shape of part. Data contained herein is not to be construed as absolute and does not constitute a representation or warranty for which CoorsTek assumes legal responsibility. CoorsTek and Mini-Igniter are trademarks of CoorsTek, Inc.



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