

FOR IMMEDIATE RELEASE

CONTACT:

Marisa Lombardo

Chromalox

412-967-3800

marisa.lombardo@chromalox.com

**Chromalox Introduces the Newest Advanced Power Controller:
Model CTF – Single Phase SCR**

Compact and well featured microprocessor-based SCR.

PITTSBURGH, PA, USA – November 30, 2016 – Chromalox, a leader in advanced thermal technologies, today announced the availability of the newest advanced power controller. The Chromalox **CTF** controller is a compact and well featured microprocessor-based SCR that is designed to control all types of industrial heater loads up to 250 Amps and at maximum voltages of 480, 600 or 690 Vac. Powerful system parameter diagnostics, multiple firing mode options, control mode versatility, and on-board Modbus communications are advanced features which significantly enhance process integrity.

Whether you have traditional linear resistance heaters, elements with high thermal inertia, medium/short-wave IR lamps or transformer-coupled loads, the CTF offers several zero crossing or phase angle firing modes to properly and precisely manage these types of loads. The CTF runs complete diagnostics of temperature, current (including full or partial load interrupt), voltage, and power. It also offers a programmable soft start-up and current limiting control modes. These functions ensure system reliability by keeping your system safe and extending the heater life.

“The CTF improves the process integrity of electrically heated thermal systems”, states Scott Treser, VP of Component Technologies. “Continuous condition monitoring and the elegant control behavior during undesired events are what separate the CTF from the competition. These advanced control and monitoring techniques provide increased safety while reducing system downtime and operating costs”, Treser adds.

The CTF also features the powerful and comprehensive C-PWR configuration software, which allows you to clone multiple controllers, run simulations, and read or write device parameters quickly and easily. Configurations may be saved locally for later retrieval or sent across a network. This significantly reduces both programming mistakes and system setup time.

For more information, visit www.chromalox.com

About Chromalox

Chromalox is a thermal technology company. We engineer thermal solutions for the world's toughest industrial heating applications. Our Heat Trace segment delivers temperature management solutions for piping systems, valves, and tanks. Our Industrial Heaters and Systems segment delivers process heating solutions for revenue-generating industrial processes, and our Component Technologies segment delivers component heating solutions for industrial equipment manufacturers. Chromalox was founded in 1917 and is headquartered in Pittsburgh, PA, USA.

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