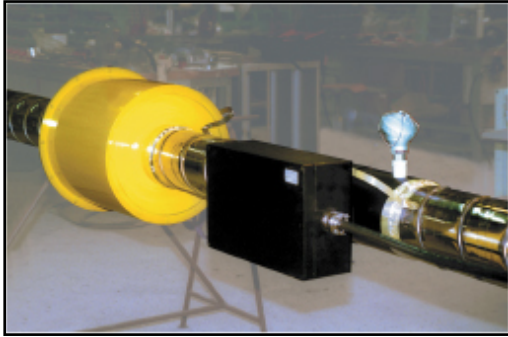


FOR IMMEDIATE RELEASE

Chromalox Introduces New Impedance Heating System



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To download a high resolution image, click here: <http://www.chromalox.com/news/newsletters/09-07/ImpedanceSystem.jpg>

PITTSBURGH, PA — September 25, 2007 — Chromalox[®], the world's largest manufacturer of electric industrial heaters, introduces a new heating system that provides uniform heat with minimal footprint size on an installation site. The Impedance Heating System uses the pipe itself as the heating source - utilizing the Joule effect.

Traditional heat transfer requires additional piping to be installed to accommodate a stand alone heating system. Rather than using an additional system to supply heat, the Impedance Heating System directly warms the piping. This arrangement provides even, smooth heating along the entire circumference and length of the heated area. This method creates a unique heating system that needs no additional piping, valves, or flanged connections. Since impedance utilizes the existing installed piping, concerns of corrosion on a typical heater sheath are eliminated. Impedance heating can be used for simply maintaining a liquid temperature or can add additional power to heat up liquid flow. No routine maintenance is required, since there are no moving parts which could cause costly repairs or process shut-downs.

An Impedance Heating System may be designed up to several miles in length, offering a range of power anywhere from 1kW to several MW. The system operates at a low voltage, requiring less than 50 V when energized. However, temperatures up to 1800°F, and watt densities up to 190 W/in² may be achieved economically. The system may be designed for areas that require hazardous area certification, as well.

Applications:

- Freeze protection
- Heat tracing
- Corrosive environments
- Thermally sensitive and/or highly viscous fluids
- Fluids that need to be liquefied prior to pumping

For more information, go to www.chromalox.com or contact Chromalox at:

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About Chromalox, Inc.

For more than 90 years, customers have relied on Chromalox for the utmost in quality and innovative solutions for industrial heating applications. Chromalox manufactures the world's largest and broadest line of electric heat and control products, including heating components, immersion heaters, circulation systems, heat transfer systems, boilers, industrial and comfort air heating, heat trace cables, sensors and precision electronic controls. With multiple manufacturing, engineering, warehousing and sales locations throughout North America and Europe, Chromalox is a global supplier providing the highest level of customer support. Chromalox is headquartered in Pittsburgh, PA.

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