

OMEGA VANZETTI®
The Leader in Infrared
Temperature Measurement
and Control

Sales and Service
1-800-342-3747SM
1-800-FIBER-IR
vanzetti.com
e-mail: info@vanzetti.com

CONTROLLING OF METAL PRODUCTION

In applications such as annealing or galvanizing inside an oven, controlling the temperature of the oven is the optimum way for the quality of the final product. With **OMEGA VANZETTI®** non-contact temperature monitoring of the product rather than the ovens' ambient temperature, the end result is a better yield of products. With the fast speed of the systems, this allows the most productivity while still maintaining the highest quality. Since the surface temperature of the product is the most critical, monitoring the metal temperature rather than the ambient temperature is the best operating procedure.

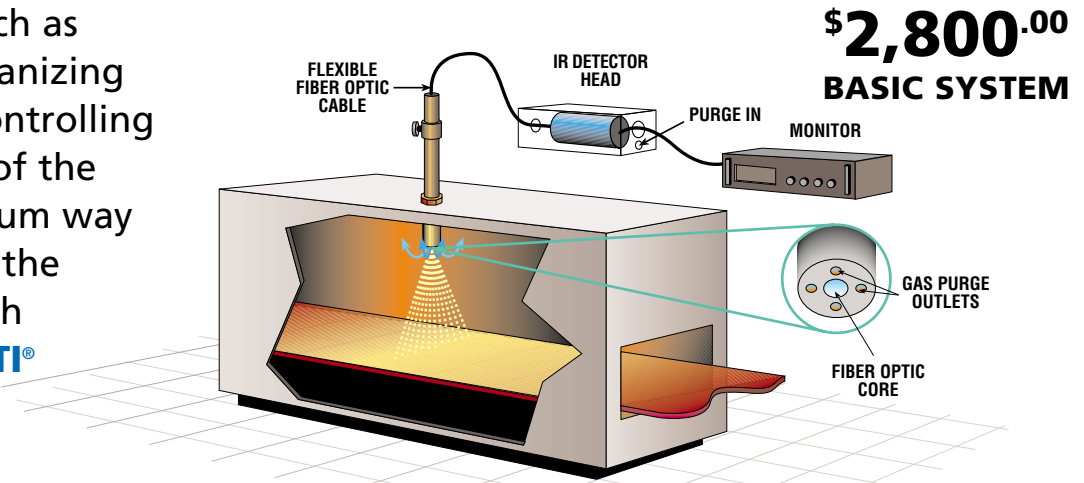


FIG. 1 - TEMPERATURE CONTROL OF STATIONARY OR MOVING METAL TARGET BEING TREATED FOR ANNEALING OR GALVANIZING INSIDE OVEN WITH CONTROLLED ATMOSPHERE.

\$2,800.00
BASIC SYSTEM

Advantages of the fiber optic infrared approach as illustrated are:

- Fast response time to 5 mSec
- Multi-application capability
- Wide temperature of operation
- Speeds up production by controlling the process by temperature instead of time
- Ability to control temperature with both hi-low logic and/or proportional control options if desired
- Multichannel capability
- Adjustable emissivity control
- Optical outputs include: 4-20 md, 0-10 vdc and thermocouple types "J" or "K"
- Flexible fiber cable up to 30' (depending on the temperature range)



OMEGA VANZETTI, INC. Six Merchant Street, Sharon, MA 02067
Tel: (781) 784-4733 • Fax: (781) 784-2447

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