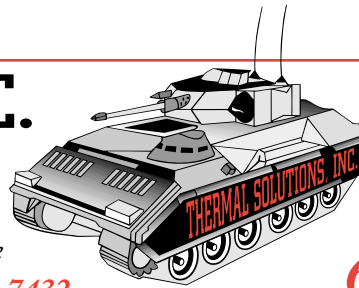


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Provides temperature reading of your control room from the most hostile environments. Infra-View® Remote Infrared Thermometers are remote sensing infrared detectors that are permanently flange mounted on any port, door or penetration into the boiler or furnace. The Infra-View patented design is supplied with a rugged protective cooling jacket that is factory assembled and pre-piped with an air-cooler, purging and filtering system designed to work in most severe service environments. The NIST CERTIFIED Infra-View infrared "non-contact" sensor monitors flue gas temperatures in the boiler or furnace ranging from 250 F to 3,000 F (higher end temperatures available).

## TEMPERATURE MONITORING

### Performance and control applications:

- Start-up Temperature
- Soot Blower Control
- Low NOx Applications
- Reduce Ash Fusion / Slagging
- High Temperature Alarm
- Fluidized Bed Boilers
- Primary Furnace Air
- Fireball Centering
- Waste / Refuse Incinerators
- Monitor Black Liquor Temperatures

①



Infra-View® Infrared Boiler/Furnace Thermometer mounted on boiler with an air actuated valve held open with cooling/purge air and spring to close on loss of plant air.

②



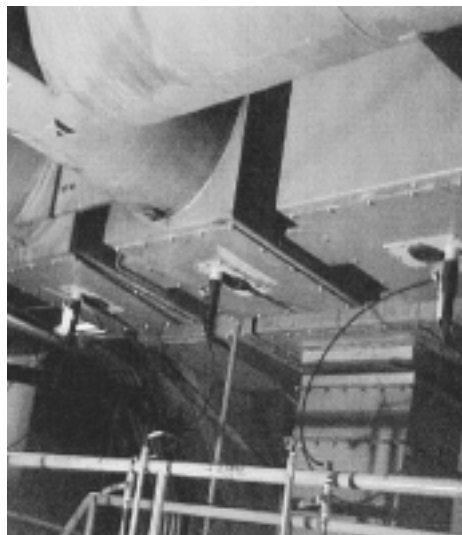
Infra-View® Boiler Thermometer maintenance and customization being performed with a laptop computer in the field. Sensor programming can be accomplished anywhere along (2) wire loop or at DCS.

The Infra-View® GB/IS Generator Bus Temperature Monitor is a remote infrared sensor designed with intrinsically safe encapsulated components that are able to withstand the considerable EMF generated by the isolated-phase bus bars.

### Performance and control applications:

- Specifically designed for older generators uprated to run at higher power levels
- Different iso-phase bus temperatures indicate unbalanced loads between phases
- Measures bus temperature remotely and annunciates alarm conditions
- Eliminates bus failure from heat build-up generated from loose arcing connections.
- Saves the effort of a manual reading.

③



Infra-View® GB/IS  
Generation Bus Temperature

④



Infra-View® GB/IS  
Generation Bus Temperature Monitor  
with air cooling.