

# FurnaceView

## Portable Infrared Gas Analyzer for Heat Treatment Gas Atmosphere



### DESCRIPTIONS

- Precise and accurate measurement of CO, CO<sub>2</sub>, and CH<sub>4</sub> using infrared technology
- % Carbon, dew point, and calculated O<sub>2</sub> probe millivolt values
- Easy-to-use 8" color touchscreen
- Integrated industrial PC
- USB data transfer
- Wireless remote access and data transfer
- Data storage
- Integrated mechanical and moisture filters

### BENEFITS

- Precise carbon potential calculation for heat treatment furnace atmospheres
- O<sub>2</sub> probe measurement verification
- Easy identification of furnace atmosphere issues and furnace condition
- Evaluation of endogas generator operation and catalyst conditions
- Efficiency analysis in nitrogen-methanol systems
- Real-time gas analysis capability

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### ADDITIONAL FEATURES

By entering the furnace temperature value, the following analyzer calculations are performed:

- Equivalent % C potential value
- Expected probe millivolt value for % C at furnace temperature
- Dew point value



### PROPERTIES AND WORKING CONDITIONS

Properties	CO2	CO	CH4
Measurement Range	%0-2	%0-30	%0-10
Measurement Sample	0-60 °C		
Relative Humidity	%5 - %90		
Power Requirements	Analyzer: 24 V DC Internal Battery Charge: 220 V AC 50-60 Hz		