



## Industrial Combustion Analyzer (O2/CO) w/ Wireless Handset



### Functions

- Measures: O2, CO, Inlet temperature, Flue temperature, differential pressure/draft
- Calculate Efficiency, CO2, Net temperature differential, Losses, Excess air, CO/CO2 ratio, Poison index

### Features

- Customizable sensor configurations with up to 7 sensors
- Wireless handset to base or PC
- On board plain paper printer
- Heated manifold to prevent condensation
- Automatic fresh air purge
- Rugged case
- 1-Year limited warranty

| K9206 Pre-configured Sensor Combinations |             |             |             |             |             |             |             |
|------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UEI Part Number                          | K9206       | K9206C2     | K9206C3     | K9206C4     | K9206C5     | K9206C6     | K9206C7     |
| UPC                                      | 05353350729 | 05353350730 | 05353350731 | 05353350732 | 05353350733 | 05353350734 | 05353350735 |
| O2 Sensor                                | X           | X           | X           | X           | X           | X           | X           |
| CO Sensor                                | X           | X           | X           | X           | X           | X           | X           |
| Pressure                                 | X           | X           | X           | X           | X           | X           | X           |
| Temperature                              | X           | X           | X           | X           | X           | X           | X           |
| NO                                       |             | X           | X           | X           |             | X           | X           |
| NO2                                      |             | X           |             | X           |             |             | X           |
| SO2                                      |             |             | X           | X           |             |             | X           |
| HC/CO%/CO2                               |             |             |             |             | X           | X           | X           |

### Applications

Installation, commissioning and service of industrial/commercial oil, gas or biomass appliances  
Combustion performance checks  
Combustion efficiency checks  
Flue draft





### Includes

- Combustion analyzer (K9206)
- CO Sensor (KC01/Q)
- O2 Sensor (OS11)
- 12" Flue probe w/ 15' Hose (KMCSP6)
- Battery charger (K9206BCH)
- Filter bypass (FB1)
- Replacement particle filter (16345)
- Sulfur filter (SF1)
- Water trap (WTS9106)
- Watertrap filter (WN8)
- Owners manual

### Specifications

| Gas Measurement   | Range                       | Resolution | Accuracy                                                                      | Overrange |
|-------------------|-----------------------------|------------|-------------------------------------------------------------------------------|-----------|
| Pressure          | 0 to 150 mBar               | 0.01 mBar  | ±0.5% F.S                                                                     |           |
| CO2               | 0 to Fuel Value             | 0.10%      | ±0.3%                                                                         |           |
| Efficiency        | 0 to 100%                   | 0.1%       | ±1%                                                                           |           |
| O2                | 0 to 25%                    | 0.01%      | -0.1% + 0.2%                                                                  |           |
| CO                | 2000 ppm                    | 1 ppm      | <100 ppm ±5 ppm<br>>100 ppm <1000 ppm ±5% rdg<br>>2000 ppm <4000 ppm ±10% rdg | 4000 ppm  |
| NO (high range)   | 1000 ppm                    | 1 ppm      | <100 ppm ±5 ppm<br>>100 ppm <1000 ppm ±5% rdg<br>>2000 ppm <5000 ppm ±10% rdg | 5000 ppm  |
| NO (low range)    | 100 ppm                     | 1 ppm      | <100 ppm ±5 ppm<br>>100 ppm <300 ppm                                          | 300 ppm   |
| NO2               | 100 ppm                     | 1 ppm      | <100 ppm ±5 ppm<br>>100 ppm <500 ppm ±10% rdg                                 | 1000 ppm  |
| SO2 (low range)   | 100 ppm                     | 1 ppm      | <100 ppm ±5 ppm<br>>100 ppm <500 ppm ±10% rdg                                 | 500 ppm   |
| SO2 (high range)  | 2000 ppm                    | 1 ppm      | <100 ppm ±5 ppm<br>>100 ppm <2000 ppm ±5% rdg<br>>2000 ppm <5000 ppm ±10% rdg | 5000 ppm  |
| H2S               | 200 ppm                     | 1 ppm      | <100 ppm ±5 ppm<br>>100 ppm <200 ppm ±5% rdg<br>>2000 ppm <300 ppm ±10% rdg   | 300 ppm   |
| Flue temperature  | 32° to 2140°F (0 to 1100°C) | 0.1° F/C   | 1.8°F (1.0°C) ±0.3% rdg                                                       |           |
| Inlet temperature | 0° to 999°F (0° to 600°C)   | 0.1° F/C   | 1.8°F (1.0°C) ±0.3% rdg                                                       |           |

|                          |                |                |       |
|--------------------------|----------------|----------------|-------|
| Languages                | 3              | Fuel types     | 20    |
| Auto purge               | •              | Gas units      | 5     |
| Main purge time          | 2 to 60 min.   | Temperature    | °F/°C |
| Main purge interval time | 10 to 120 min. | Pressure units | 6     |
| Auto zero                | •              |                |       |
| Auto pump flow           | •              |                |       |
| Auto set time            | •              |                |       |