

# EN-900 系列便携式烟气分析仪

## EN-900 SERIAL PORTABLE COMBUSTION ANALYZER



### OVERVIEW

M-900 combustion analyzer is a type of new-generation flue (stack) gas analyzer, which is small, light, portable and is specially used to quickly and simultaneously measure many components of combustion in flue gas, including flue gas temperature(T), oxygen(O<sub>2</sub>), carbon monoxide(CO), sulphur dioxide(SO<sub>2</sub>), nitric oxide(NO), nitrogen dioxide(NO<sub>2</sub>), micro-pressure (ΔP) etc. And also it can automatically calculate CO<sub>2</sub>, NO<sub>x</sub> content, flue excess air and losses(α), combustion efficiency (η). With RS232 communication interface, it can be connected to computer to realize bi-directional communication.

### FEATURES

- ◆ Long-life, maintenance-free, high-accurate electro-chemical gas sensors
- ◆ With a strong suction pump inside case, pressure/draft above 1000mmH<sub>2</sub>O
- ◆ Measures flue gas and inlet temperatures simultaneously.
- ◆ Big LCD display, English or Chinese menu, with automatic diagnosis working status
- ◆ Automatic memory measured data, with 510 groups of the measured data
- ◆ Built-in rechargeable battery, about 6 hours of continuous use on a single charge
- ◆ With upper or lower limit alarm message display on LCD
- ◆ With RS232 interface for measured data communication

### SPECIFICATIONS

MODEL	M-900			
Index	Range	Resolution	Accuracy	Measuring principle
Flue Temperature (T)	0-600℃	0.1℃	±1%FS	Thermocouple (type K)
Oxygen (O <sub>2</sub> )	0-25%	0.01%	±0.1%O <sub>2</sub>	Electrochemistry
Carbon monoxide (CO)	0-4000ppm	1ppm	±5% FS	Electrochemistry
Carbon dioxide (CO <sub>2</sub> )	0-20%	0.1%	±0.1%CO <sub>2</sub>	Calculated
excess air and losses(α)	1-20	0.01	±1%	Calculated
Dimension of sampling probe	Stainless steel shaftΦ8×400mm with 5 meters neoprene hose, integral thermocouple(type K); Φ8×1000mm (Optional)			
Dimensions	360mm(Long)×180mm(Wide)×230mm(High)			
Weight	About 4.5Kg			