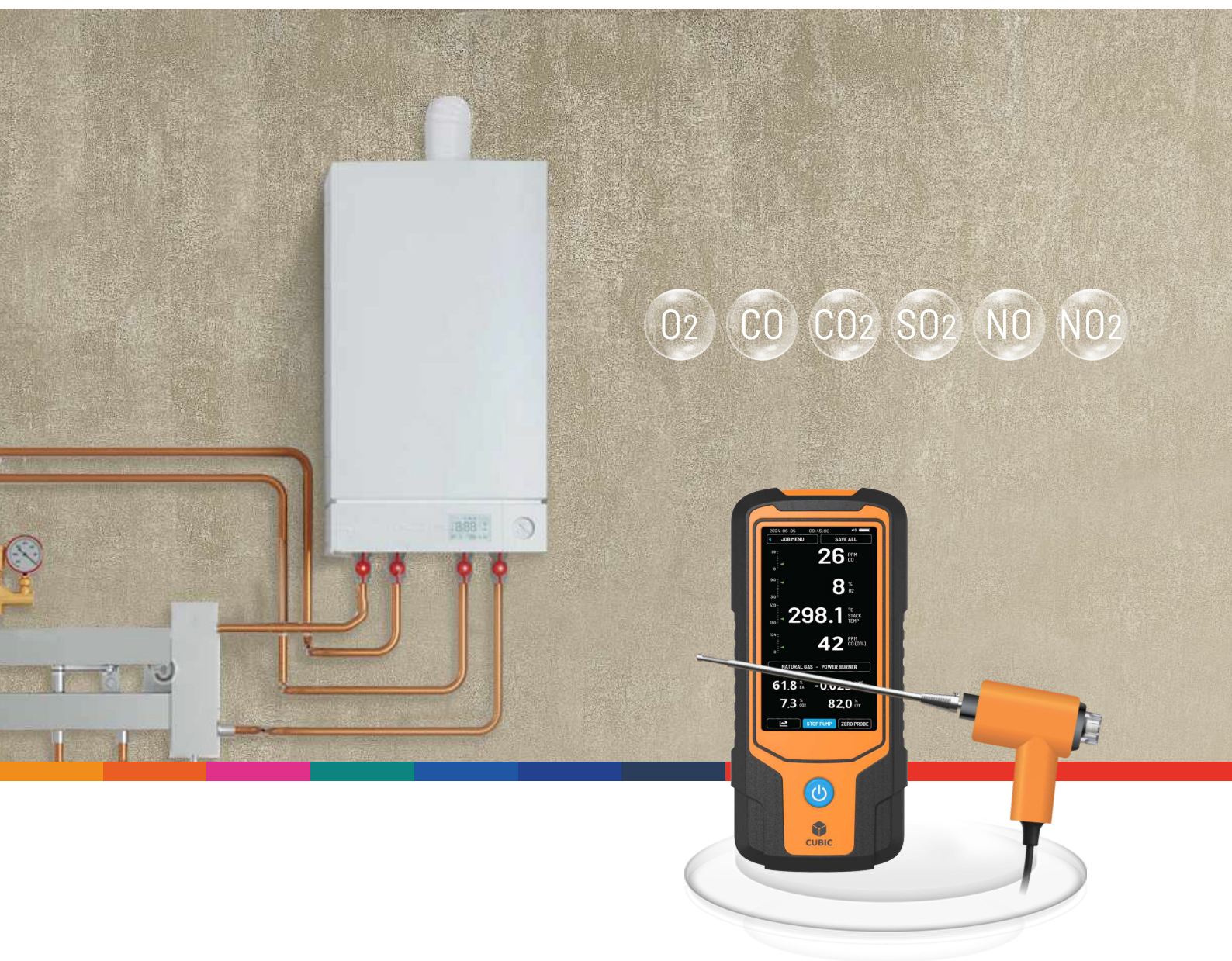




CUBIC
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OEM Combustion Analyzer



Cubic Instruments (Wuhan) Ltd.

≡ Introduction

Combustion analyzer is an essential tool for Heating, Ventilation and Air Conditioning (HVAC) specialists, boiler technicians, and plumbers who perform combustion analysis on appliances such as boilers, heaters, ovens, pool heaters, and furnaces. By providing accurate measurements of the levels of carbon monoxide (CO), oxygen (O₂), temperature, draft pressure and etc parameters in flue gases, combustion analyzer offers valuable insights into the safety and efficiency of appliance operation.

📦 Features

- Accurate measurement of O₂, CO, CO₂, and draft pressure for combustion diagnosis.
- Extendable components of SO₂, NO, NO₂ for emissions measurement.
- Field-replaceable sensors with calibration data inbuilt.
- Sealed sensor design to extend sensor lifetime.
- Magnetic back enables hands free work.
- Smart data storage, output and trend report.
- CE, FCC, ROHS, TSCA, EN 50379 compliance.

⚙️ Specifications

Test Parameter	Range	Best Resolution	Accuracy
O ₂	0~21% Vol	0.1% Vol	±0.3% vol.
CO	0~4000ppm	1ppm	0~200ppm: ±10ppm 201~2000ppm: ±5% of reading 2001~4000ppm: ±10% of reading
Stack Temperature	0~400°C	0.1°C	0~100°C: ±1.4°C 101~400°C: ±2°C or 1.5% of reading
Live Draft Pressure	-0.8~0.8 inWC	0.001 inWC	±(0.01 inWC+2% of reading)
Manometer	-40~40 inWC	0.01 inWC	0~±20 inWC: ±0.2 inWC ±(20.1~40.0 inWC): ±1% of reading
CO ₂	0~CO ₂ max % Vol	0.1% Vol	Calculated
Excess Air	0~999%	0.1%	Calculated
Efficiency	0~100%	0.1%	Calculated

* SO₂, NO, and NO₂ detection can be customized and expanded on request.

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