



**Industrial Combustion Gas & Emissions Analyzer with High Temperature Probe to 2190°F (1200°C),
Brand: E Instruments**

Code: E4500-N



The E4500 is a NEW hand-held industrial combustion gas and emissions analyzer that is a valuable tool designed for emissions monitoring and maintenance and tuning of combustion processes including boilers, burners, gas and diesel engines, turbines, furnaces, kilns, heaters, and laboratory analysis. Equipment designed to measure indoor air quality through the quantification of gases such as CO, NO, NO₂, CO₂.

Features:

Up to Four Gas Sensors: O₂, CO, NO, NO₂, SO₂, CxHy

Dilution Pump For CO Auto-Range Measurements Up To 50,000 ppm

Low NO_x Capable with 0.1ppm resolution & high accuracy

Gas Sensors are Pre-Calibrated & Field Replaceable

Full Color Graphic Display Screen

User Customized Display Screen & Print-Out Content

Automatic Data Saving

Efficiency, Excess Air, & CO₂ Calculations

EIN 37-1939950

11300 NW 87 CT STE 150
HIALEAH, FL 33018

Telephone: 786 816 7489 E-mail: info@testglassware.com

Website: <https://testglassware.com/>



Built-In Printer (non-fading paper)

Stack Gas & Air Temperature Measurements

Draft & Differential Pressure Measurements

External Water Trap for Condensate Removal

Rechargeable Lithium Ion Battery Pack

Unbreakable Metal Hose Connectors

Internal Memory (up to 2000 tests) with data tags

PC Software Package with USB & Bluetooth Communications

Includes:

E4500 with O₂, CO, NO/NO_x, NO₂ Gas Sensors & CO Dilution Auto-Range to 50,000 ppm

Built-In Printer

Draft & Differential Pressure

Temperature Measurements

Calculation for CO₂, Efficiency & Excess Air

Li-Ion Rechargeable Batteries & AC Charger

Gas Sampling Probe & Hoses

Water Trap with Filter Cartridge

Magnetic Rubber Holster

2000 Test Internal Memory

PC Software & USB Cable

Bluetooth Module (Internal)

Operating Manual

Calibration Certificate

ABS Hard Plastic Carrying Case

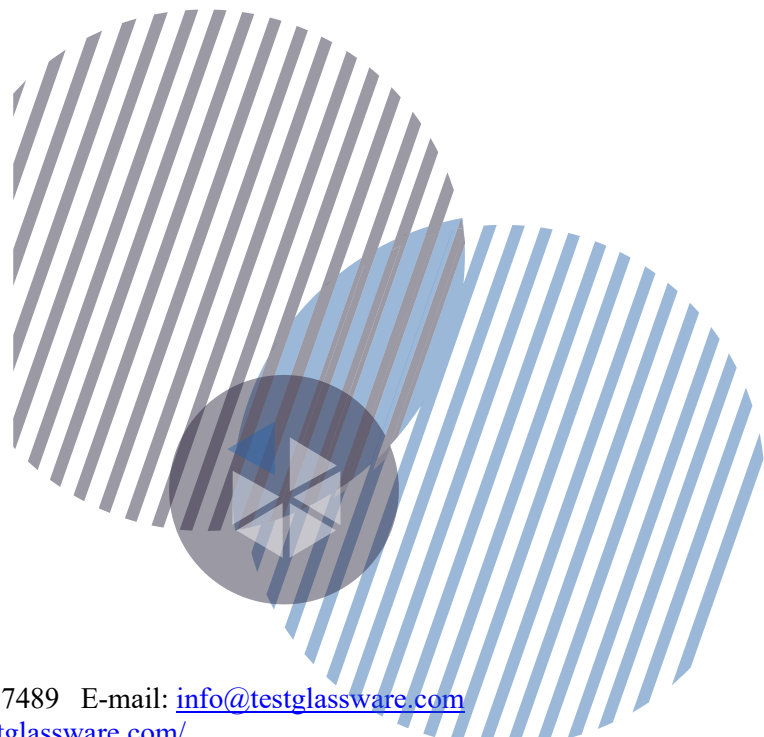
PROBES AND HOSES:

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1x SP40 Gas Sampling Probe (1 m) Long & High Temp: 40", 1m Probe, 2190 F/1200°C max, with 10'/3m Dual Hose

Full Specifications

Parameter. Sensor, Range, Resolution, Accuracy

Size O2: Electrochemical 0 - 25%, 0.1%, ±0.2% vol

CO H2: Compensated w/ Built-in NOx Filter Electrochemical: 0 - 8000 ppm, 1 ppm, ±10 ppm (0 - 200ppm), ±5% rdg (201 - 2000ppm), ±10% rdg (2001 - 8000ppm)

CO DILUTED: Electrochemical: 0.8% - 5.00%, 0.01%, ±10% rdg

CO2: Calculated 0 - 99.9%, 0.1 %

NO: Electrochemical: 0 - 5000 ppm, 1 ppm, ±5 ppm (0 - 100 ppm), 5% rdg (101 - 5000ppm)

NO2: Electrochemical 0 - 1000 ppm, 1 ppm, ±5 ppm (0 - 100 ppm), 5% rdg (101 - 1000ppm)

Low NO and/or Low NO2 Electrochemical: 0 - 500 ppm, 0.1 ppm, ±2 ppm (0.0 - 40.0ppm), ±5% rdg (40.1 - 500.0ppm)

NOx: Calculated, 0 - 5000 ppm, 1 ppm

SO2: Electrochemical 0 - 5000 ppm, 1 ppm, ±5 ppm (0 - 100ppm), ±5% rdg (101 - 5000ppm)

CxHy (HC): Pellistor 0 - 5%, 0.01%, ±5% Full Scale Tair Pt100, -10 to 212 °F, -10 to 100 °C, 0.1°F, 0.1°C, ±0.1°F, ±0.1°C

Tgas: Tc K -4 to 2280 °F, -20 to 1250 °C, 0.1°F, 0.1°C, ±0.5 °C (-20 to 100 °C), ±0.5% rdg (101 to 1250 °C)

Pressure/Draft: Semiconductor ± 0 - 80 in H2O, 0.001 in H2O ±1.0% rdg

Excess Air: Calculated 0 - 850%, 1 %

Efficiency: Calculated 0 - 100%, 0.1%

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