

Monitor Emissions and Exhaust; Ensure Combustion Safety.

Kane-May KM9106 Quintox Analyzer

Monitor emissions for peace of mind
and environmental protection.

Features and benefits:

- ▶ Sensors for O₂, CO and temperature measurement, plus the calculation of CO₂ and efficiency
- ▶ Integral printer
- ▶ 4-line backlit LCD display
- ▶ Remote data logging handset in protective boot controls instrument from up to 60 ft. away
- ▶ Comes complete with water trap, filters, probe assembly and integral battery charger, all housed in a rugged case

Optional features:

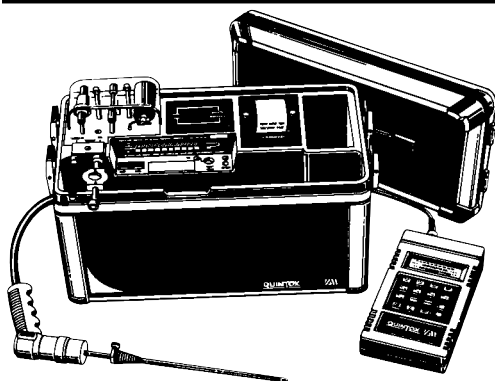
- ▶ Sensors for NO, NO₂, SO₂, draft, and hydrocarbons
- ▶ Auto purge function
- ▶ Auto drain watertrap
- ▶ Windows based real time graphing/software and communications package
- ▶ Gas conditioner



KM9106 Quintox Analyzer



KM9106 • Quintox Combustion and Emissions Analyzer



The KM9106 analyzer measures combustion efficiency and emissions from any industrial, commercial or residential heating appliance. It also easily measures emissions from engine exhaust, providing the complete information required by your air regulatory authority.

The KM9106 is simple to use via its unique remote logging handset, which has a 4-line programmable backlit display. The unit also features a built-in printer, easily accessed particle and SO₂ filters, and has an integral battery with charger.

The KM9106 can be upgraded to house four additional sensors to meet future emission requirements, making it the most versatile, rugged portable combustion analyzer available today.

Specifications:

The KM9106/P includes: Analyzer with O₂ and CO sensors, logging handset (1926 measurements) with 15 ft. lead, handset protective boot, 1 ft. probe with 15 ft. lead, printer, filters, water trap assembly and instruction manual, housed in a aluminum carrying case.

Parameter	Resolution	Accuracy	Range
Temp. Measurement	0.1°C/F	±1°C/F, ±0.3% of reading	32°-2140°F *
Gas Measurement			
Oxygen (O ₂) 2 Year Warranty	0.1%	-0.1% / +0.2%	0-25%
Carbon Monoxide (CO) Hydrogen compensated	1 ppm	±20 ppm <400 ppm ±5% of reading <2000 ppm ±10% of reading >2000 ppm	0-10,000 ppm
Carbon Dioxide (CO ₂) Calculated	0.1%	±0.20%	0-fuel value
Nitric Oxide (NO) Nitrogen Dioxide (NO ₂) Sulphur Dioxide (SO ₂)	1 ppm	±5 ppm <100 ppm ±5% of reading >100 ppm	Listed in optional sensors section
Hydrocarbons (CH ₄)	0.01%	<1%: ±0.05% >1%: ±5% of reading	
Pressure (Draft)	0.01 mbar/in WG	±0.05% full scale	
Optional Sensors	Description		Range
KMNO1/Q	Nitric Oxide sensor		0-5,000 ppm
KM2NO1/Q	Nitric Oxide sensor		0-10,000 ppm
KMNO2/Q	Nitrogen Dioxide sensor		0-1000 ppm
KMSO2/Q	Sulphur Dioxide sensor		0-5,000 ppm
KMHC103/Q	Hydrocarbon sensor		0-5% LEL (Methane)
KMPS2/Q	Pressure sensor (draft)		0-150 mbar
Dimensions	17.75" long x 9" wide x 13.75" high		
Weight	21 lbs.		

* Use high temperature probe over 1,112°F

WARRANTY: All Kane International Limited products are warranted for 12 months from the date of purchase. This warranty covers defects in materials or manufacturing and applies worldwide.

Kane-May Environmental is a division of Kane International Limited. We specialize in the design, manufacturing and marketing of electronic instruments for monitoring and optimizing both energy usage and emissions from energy processes. Our policy is to continuously develop and improve our products and we reserve the right to change any part of our product specifications without prior notice.

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Standard Accessories:

1 ft. Test Probe KMCP6
15 ft. Handset Cord RE5LG
Standard Water Trap Assembly WTS9106
Sulphur Filter SF1
Oxygen Sensor OS11

Optional Accessories:

1 ft. Smoke Test Probe KMCSPP6
30 ft. Handset Cord RE10LG
60 ft. Handset Cord RE20LG
1 ft. High Temperature Probe (up to 2,140°F) KMCHP6
Windows Based Software, Graphing and Communications Package KMFG1
Auto Drain WaterTrap Assembly WTS9106P

Consumable Items

Particle Filter Element 16345
Water Trap Filter Element WN8
10 Paper Rolls and 5 Printer Ribbons DP12

Distributed By:



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