



SPECIFICATIONS

GAS ANALYSER

Order Code KM9106CO.

Case and Carry Strap, Hand Held Remote Unit, Oxygen Sensor, CO sensor (H2 compensated), Battery Charger, Water Trap, SO2 Filter, 5m/15ft Extension Lead and 2 Paper Rolls.

Ambient operating range	Temperature +0°C to +40°C / 32- 104°F Humidity 20% to 80% RH non condensing
Maximum Gas	Continuous + 40°C / 104°F
Temperature at sensors	Intermittent + 55°C / 130°F
CO2 range/accuracy	0 to 20% +/-0.3% (calculated)
Battery Power	12V 2.6 Ahr, (8 hours full charge with pump on)
Main adaptor/charger	Input 110 Vac or 230 Vac nom Output 16Vac at 1 Amp
Flue gas probe	Stainless steel shaft with rubber handle; 5m/15ft neoprene hose and thermocouple plug
Temp. accuracy	+/- 0.3% +/-1°C/°F
Probe dimensions (Shaft)	300mm x 8mm / 12" x 5/16"
Maximum prob temperature	+600°C/1112°F
Pre-programmed UK fuels	Natural Gas, Natural Gas 2, Gascor, Town Gas, Light Oil, Heavy Oil, Propane, Butane, Anthracite, Coke, Coal

Programmable to work with other fuels Worldwide.

	Main Unit	Hand Set
Length	450mm / 18"	220mm/8.5"
Width	230mm / 9"	55mm/2"
Height	300" / 12"	120mm / 5"
Complete Case Weight	9.5kg / 21lbs	

Sensor Supplied as Standard:-

Sensor	Gas	Range	Resolution	Accuracy
OS11+	O2	0 - 25%	0.1%	-0.1% +0.2%
KMCO1	CO*	0 - 10,000ppm	1ppm	+20ppm <400 ppm +/-5% <2000 ppm +/-10% <2000 ppm

+With 2 Year Guarantee

*H2 compensated, plus filter to reduce sensitivity to NO, NO2 and SO2

Quintox Sensor Options and Specifications:-

Order Code	Gas	Range	Resolution	Accuracy
KMNO1/9106	NO	0-5000ppm	1ppm	+/- 5ppm<100ppm
KMNO2/9106	NO2	0-1000ppm	1ppm	+/-5%>100ppm
KM3S02/9106	SO2	0-5000ppm	1ppm	+/-500ppm<1% CO
KM6C01/9106	CO	0.10%	0.01%	+/-5%
KMHCH1/9106	HC	0-5%Methane	0.01%	+/-0.5% full scale
KMPS2/9106	Pressure	0-150mbar	0.01mbar	

All gas specifications quoted using dry calibration gases at S.T.P.

Quintox Accessories:

KMCP6	300mm/12" standard flue probe - 0°C - 600°C/32-1112°F
KMCHP6	300mm/12" high temperature probe - range 0°C - 1100°C/32-2140°F
KMCHLP6	1m/3ft High temperature probe - range 0°C - 1100°C/32-2140°F
KMCSP6	300mm/12" smoke probe - 0°C - 600°C/32 - 1112°F
KMCHSP6	High temperature smoke probe - 0°C - 1100°C/32-1112°F
KMCLP6	1m/3ft flue gas probe - range 0°C to +600°C/32-1112°F
KA16	250mm/10" ambient air probe - range 0°C to +600°C/32 - 1112°F
KMCHLSP6	1m/3ft High temperature smoke probe - range 0°C - 1100°C/32-2140°F
KMCDPP6	Quintox gas/pressure probe - range 0°C - 600°C/32-1112°F
WTS9106P	Watertrap, automatic draining
KM9106PUR	Main purge installation
KM9106HPUR	High CO purge installation

Replacements for all consumable parts are available.

SPECIFICATIONS

DRIER

Order Code KM9008.

Readiness - Within 5 min (depending on ambient temperature)

Ambient operating range	+5, to +40°C/41 to 104°F
Maximum Gas flow rate	2.5l/min
Chiller nominal temperature	Gas inlet = 65°C/150°F Nominal Gas Outlet + 5°C/41°F
Condensate bottle capacity	1000ml
Power Supply	230 Vac, 50Hz or 115 Vac, 60Hz
Dimensions	Width 450mm/18" x Length 230mm/9" x Height 330mm/13"
Weight	10.7Kg/23.5 lbs

HEATED LINE SPECIFICATION

Dimensions	2.2m x 35mm / 86" x 1.5"
Max temperature	200°C / 392°F
Weight	1.1Kg / 2.4 lbs
Power requirement	<300 watts
Probe dimensions	400mm x 8mm / 16" x 5/16"
Probe max temperature	600°C / 1112°F