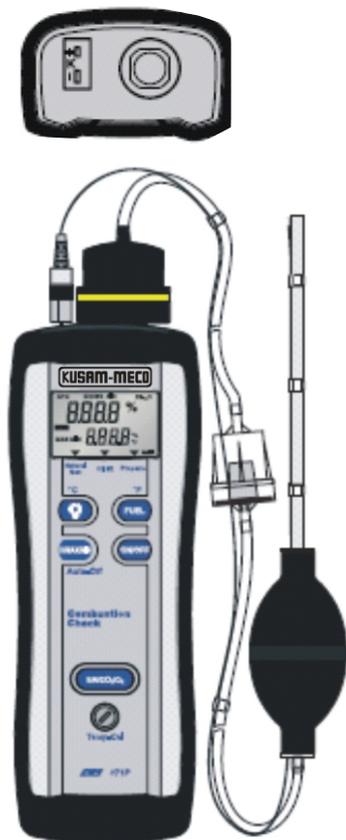


COMBUSTION CHECK GAS ANALYSER

Model - KM 5410



Features :

- ⊙ Display : 4digit liquid crystal display(LCD) with maximum reading of 9999.
- ⊙ Low battery indication: The "E" is displayed when the battery voltage drops below the operating level.
- ⊙ Hand-pump with filter to isolate dirt and particles.
- ⊙ Thermocouple offset adjustment $\pm 3^{\circ}\text{C}$ (6°F).
- ⊙ Automatic power off battery saver.
- ⊙ 2 channel display(LCD).
- Display Back-Light.
- ⊙ **Analyzer Directly Measures:**
 - Flue Gas Oxygen Content in %
 - Flue Gas Temperature in $^{\circ}\text{F}$ or $^{\circ}\text{C}$
- ⊙ **Analyzer Computes:**
 - When the measured oxygen level is below 17.9%.
 - Flue Gas Carbon Dioxide content in %
 - Excess Air in %(0 to 400%)
 - Flue Natural Gas/Oil #2/Propane in %

Oxygen

- **Oxygen Range** : 0 to 25%
- **Accuracy** : $\pm 0.3\% \text{O}_2$ (Calibrated at 72°F , $20.9\% \text{O}_2$)
- **Max Overload** : 30% Oxygen
- **Oxygen Sensor operational temperature range** : -4°F to 122°F
- **Response time** : Under 2 minutes.

SPECIFICATIONS :

Accuracy	Stated accuracy at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, $< 75\% \text{ R.H.}$
Sensor Type	Highly accurate Oxygen sensor.
Operating environment	0°C to 50°C at $< 75\% \text{ R.H.}$
Storage temperature	-20°C to 60°C , 0 to 80% R.H with battery removed from meter.
Temperature Coefficient	0.1 times the applicable accuracy per $^{\circ}\text{C}$ from 0°C to 18°C & 28°C to 50°C (32°F to 64°F & 82°F to 122°F)
Battery	9V.
Auto Shut off	After 15 minutes.
Battery life	20 hours(continuity) typical.
Temperature	Range : -50°C to 538°C (-58°F to 1000°F)
	Resolution : $0.1^{\circ}\text{C}/0.1^{\circ}\text{F}$
	Accuracy : $\pm [0.6\%, +3^{\circ}\text{F}(1.7^{\circ}\text{C})]$ after field calibration.
	Sensor Type : K-type thermocouple, 48 inches long(wire only), with wrap tab plug, fiberglass insulation.
	Range : -50°F to 900°F (continuous operation range) up to 1000°F (single exposure use)
	Accuracy : $(\pm 4^{\circ}\text{F})$ on -50°F to 545°F ($\pm 0.75\%$) on 545°F to 1000°F
Dimensions	220mm(H) x 65mm(W) x 35mm(D).
Weight	Approx. 395g (including battery)

All specifications are subject to change without prior notice.