KUSAM-MECO

An ISO 9001:2000 Company

OXYGEN ANALYSER

MODEL - KM 5490

FEATURES:

- As it uses a high quality oxygen sensor, it is very precise and its performance is stable.
- It uses the advance technology design and has multiple functions.
- With highlight backlight display and acousto-optic alarming, it is easily configured.
- The in built temperature compensation makes the meter measure the correct value of oxygen in the environment temperature of -10 ~ 40°C.
- As its case is ergonomically designed, it looks elegant, and is easy to carry.

ELECTRICAL SPECIFICATIONS:

- **Measurement display** : Displays 4 digit LCD
- **Measuring range** : 0 25% (VOL)
- **Resolution** : 0.1% (VOL)
- **Measurement error** : ±0.5%
- **Over measurement range display :** "OL"
- **Alarming method** : acousto-optic alarming
- **Working principle of the sensor :** source cell sensor
- **The service life of the sensor :** 2 years (it can then be replaced)
- **Operation temperature:** -10 40°C (14~104°F)
- **Storing temperature** : 0~30°C (32~86°F)
- **Operating humidity** : 0~99% RH (relative humidity)
- **Storing humidity** : 20%~80% RH(relative humidity)
- **Power supply** : 3x1.5VAAA alkaline batteries
- **Batteries service life** : about 100 hours of continuous use (when the backlight is off).
- **Size** : 172 x 51 x 26 (mm)

TIPS ABOUT OXYGEN :

Oxygen content (VOL)	Explanation
21%	Oxygen content in the normal air environment
18%	The minimum value of oxygen content as per the safety and hygiene standards
14%---18%	Person breathes quicker and deeper and limbs cannot be Moved properly
10%---14%	Person may be tired and lose attention
6%---10%	Person may be dizzy, nauseas, lose consciousness and go into a coma
Less than 6%	Person may stop breathing and die

APPLICATION :

Oxygen manufacturing factory.

Petroleum refining and petrochemical plants.

Oxygen content detecting in trains and automobiles

Oxygen content detecting in mines.

Oxygen content detecting during mountain climbing and in sealed places.

Other Industries and plants using oxygen.

Note: All Specification are Subject to change.

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