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Our Sister Concern : RELIEF SERVICE CENTRE
Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

Quotation

87	Oxygen Analyser

Make	Meco	Lutron	Lutron
Gas Type	Oxygen	Carbon Monoxide	Carbon Dioxide
Model	**KM - 5490**	**GCO – 2008**	**GCH – 2018**
Rs.	21100	21400	23300
Catalog	Page No. – 2	Page No. – 3	Page No. – 5

Note : No any warranty in all above Testing Instruments

Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
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- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No**. 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.
- .

KUSAM MECO MAKE

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.

LUTRON MAKE

Carbon monooxide

CO METER

Model : GCO-2008   *ISO-9001, CE, IEC1010*

Carrying case

LUTRON ELECTRONIC

The Art of Measurement

CO METER

Model : GCO-2008

FEATURES

* Two function : CO (Carbon monoxide), Temperature.
* CO range : 0 to 1,000 ppm x 1 ppm.
* Temperature. : 0 to 50 ℃,℃/℉
* CO measurement with fast response time.
* High repeatability and high accuracy.
* stand-alone device, easy to carryout and operation.
* CO function with alarm setting.
* Large S-TN LCD, high contrast, easy readout.
* Data hold function for freezing the desired value on display.
* Records Maximum and Minimum readings with Recall.
* RS232/USB computer interface.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
* Heavy duty & compact housing with hard carrying case, designed for easy carry out & operation.
* Auto shut off is available to save battery life.
* Power supply from batteries or DC 9V adapter in.

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 52 mm x 38 mm dual function LCD display.
Measurement	CO(Carbon dioxide), Temperature
Unit	CO — ppm; Temp. — ℃, ℉
Temperature Compensation	Automatic temp. compensation for CO measurement.
Advanced Setting	Auto power off enable/disable setting; ℃/℉ setting; CO alarm value setting
Alarm Setting	For CO measurement only.
Sensor Type	CO : Electrochemical; Temperature : Thermister
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.
Display Sampling Time	Approx. 1 second.
Power off	Auto shut off saves battery life or manual off by push button.

Zero	Build in zero button for offsetting the zero value
Data Output	RS 232/USB PC serial interface. *Connect the optional RS232 cable UPCB-02 will get the RS232 plug. *Connect the optional USB cable USB-01 will get the USB plug.
Operating Temperature	0 to 50 ℃.
Operating Humidity	Less than 85% R.H.
Power Supply	DC 1.5 V battery (UM4, AAA) x 6 PCs, Alkaline/heavy duty type or equivalent.
Power Current	Approx. DC 5.6 mA.
Weight	336 g/0.74 LB. @ Battery is included.
Dimension	210 x 68 x 42 mm (8.3 x 2.7x 1.2 inch)
Accessories Included	Instruction manual............................1 PC; Soft carrying case (CA-05A)............1 PC
Optional Accessories	RS232 cable, UPCB-02; USB cable, USB-01; Data Acquisition software, SW-U801-WIN

ELECTRICAL SPECIFICATIONS (23± 5 ℃)

CO (Carbon dioxide)

CO * Carbon monoxide	Range	0 to 1,000 PPM
	Resolution	1 ppm
	Accuracy	± (5% + 2 PPM)
	Response time *	< 30 seconds
	Repeatability	< 2%
	Zero drift in long term	< 5 PPM
	Sensitivity drift	< 5% per year

The response time value is specified to reach the 90% reading value.

Temperature

Temperature	Range	0 ℃ to 50 ℃,32 ℉ to 122 ℉.
	Resolution	0.1 degree.
	Accuracy	℃ — ± 0.8 ℃; ℉ — ± 1.5 ℉.

* Appearance and specifications listed in this brochure are subject to change without notice.

0806-GCO2008

Carbon dioxide, Humidity, Temp., NDIR, 0 to 4,000 ppm, RS232

CO₂ METER

Model : GCH-2018   *ISO-9001, CE, IEC1010*

CO2 ❋ **520** PPM

25.0 °C

POWER   HOLD ESC   REC ENTER

SET ▲   ALARM ▼

Dew Point

CO₂ Meter
Carbon dioxide + Humidity / Temp.

⌁⊺Lutron   GCH-2018

ISO 9001   UKAS QUALITY MANAGEMENT

⌁⊺Lutron

LUTRON ELECTRONIC

The Art of Measurement

CO₂ METER *+ Humidity, Temperature*

Model : GCH-2018

FEATURES

*	NDIR method principal for CO2 (Carbon dioxide) measurement, available for long term operation.
*	High repeatability and high accuracy.
*	Two probes, one is for CO2/Temp. measurement, the other probe is for Humidity/Temp./Dew point measurement.
*	Separate probe, easy operation and convenient for remote measurement.
*	CO2 function with alarm setting.
*	Humidity measurement with fast response time.
*	Large S-TN LCD, high contrast, easy readout.
*	Data hold function for freezing the desired value on display.
*	Records Maximum and Minimum readings with Recall.
*	RS232/USB computer interface.
*	Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
*	Heavy duty & compact housing with hard carrying case, designed for easy carry out & operation.
*	Auto shut off is available to save battery life.
*	Power supply from batteries or DC 9V adapter in.

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 52 mm x 38 mm dual function LCD display.
Measurement	CO2 (Carbon dioxide), Temp. Humidity, Dew point, Temp.
Unit	CO2 — ppm Humidity — % RH Dew point — ℃, ℉ Temp. — ℃, ℉
Response Time	*CO2 :* *< 2 min. typically.* *@ Reach the 63% reading value* *@ Depend the environment air circulation.* *Humidity/Dew point :* *10 to 30 seconds typically.* *@ Reach the 85% reading value* *@ Depend the environment air circulation.*
CO2 altitude compensation setting	0 to 9,000 meters.
Temperature Compensation	Automatic temp. compensation.
Adavanced setting	CO2 altitude value setting CO2 alarrm value setting ℃/℉ setting Auto power off enable/disable setting
Alarm setting	For CO2 measurement only.
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.
Display Sampling Time	Approx. 1 second.
Power off	Auto shut off saves battery life or manual off by push button.
Data Output	RS 232/USB PC serial interface. *Connect the optional RS232 cable UPCB-02 will get the RS232 plug.* *Connect the optional USB cable USB-01 will get the USB plug.*
Probes no.	Two probes : *Probe 1 is for CO2, Temp. measurement.* *Probe 2 is for Humidity, Dew point. Temp. measurement.*
Operating Temperature	0 to 50 ℃.

Operating Humidity	Main instrument : Less than 85% R.H. C02 probe : Less than 85% R.H. Humidity probe : 0 to 95 %RH.
Power Supply	DC 1.5 V battery (UM3, AA) x 6 PCs, or equivalent.
Power Current	CO2 measurement Approx. DC 9.6 mA for 90% period. Approx. DC 128 mA for 10% period. Humidity measurement Approx. DC 5.6 mA.
Weight	Main instrument : 372 g/0.82 LB. *@ Battery is included.* CO2 probe : 158 g/0.35 LB. Humidity probe : 82 g/0.18 LB.
Dimension	Main instrument : 173 x 68 x 42 mm (7.9 x 2.7x 1.2 inch) CO2 Probe : 185 x 38 x 26 mm Humidity Sensor Probe : 200 x 23 x 19 mm
Accessories Included	Instruction manual........................ 1 PC CO2 probe................................... 1 PC Humidity probe............................1 PC Hard Carrying case........................ 1 PC
Optional Accessories	RS232 cable, UPCB-02 USB cable, USB-01 Data Acquisition software, SW-U801-WIN

ELECTRICAL SPECIFICATIONS (23±5 ℃)

CO2 (Carbon dioxide)

CO2 (Carbon dioxide) 23 + 5 ℃.		Range	0 to 4,000 ppm
		Resolution	1 ppm
		Accuracy	± 40 ppm * ≤ 1,000 ppm. ± 5% of reading * > 1,000 ppm ≤ 3,000 ppm. ± 250 ppm typically * > 3,000 ppm, reference only
		Repeatability	± 20 ppm * ≤ 3,000 ppm.
Temperature		Range	0 ℃ to 50 ℃,32 ℉ to 122 ℉.
		Resolution	0.1 degree
		Accuracy	℃ - 0.8 ℃, ℉ - 1.5 ℉.

Humidity/ Temp./Dew point

Humidity/ Temperature

Humidity		Range	10 % to 95 % R.H.
		Resolution	0.1 % R.H.
		Accuracy	≥70% RH : ± (3% reading + 1% RH). < 70% RH : ± 3% RH.
Temperature		Range	0 ℃ to 50 ℃,32 ℉ to 122 ℉.
		Resolution	0.1 degree
		Accuracy	℃ - 0.8 ℃, ℉ - 1.5 ℉.

Dew Point

℃		Range	-25.3 ℃ to 48.9 ℃
		Resolution	0.1 ℃
℉		Range	-13.5 ℉ to 120.1 ℉.
		Resolution	0.1 ℉.
Remark :			*Dew Point display value is calculated from the Humidity/Temp. measurement automatically.* *The Dew Point accuracy is sum accuracy value of Humidity & Temperature measurement..*

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