

## Oxygen Monitor

Model OX-1 Applied by H.K. (Ship equipment inspection society)  
Approved by N.K. register of shipping in Japan

### Features

- Rugged and robust design
- Free from other gas interference
- 500 hrs measurement capability
- Hand-aspirated sampling
- Intrinsically safe (Made in Japan)



AK00001

### Specifications

Detection principle	Electrochemical cell
Measurable gas	Oxygen in air
Measuring range	OX-1C 0-25% OX-1D 0-25/ 0-100% OX-1E 0-25/ 0-50% OX-1F 0-25/ 0-10% OX-1G 0-25/ 0-5% OX-2 0-25/ 0-10%
Accuracy	Better than $\pm 0.75$ in range of 0-5, 10, 25% (JIS T-8201 complied) Better than $\pm 5\%$ of F.S. in range of 0-50, 100%
Operating temp.	-10°C ~ +40°C
Batteries & operating hours	Ni-Cd battery 2.5V x 2 pcs pack, 500 hrs minimum
Dimensions & weight	170 (W) x 130 (H) x 85 (D)mm, Approx 2kgs

## Oxygen Monitor

Model OX-82 Approved cert No. A-4477 (OX082 special) by DNV  
(Det Norske Veritas) in Norway  
Approved cert No. 419 by NK  
(NK register of shipping) in Japan

### Features

- 3 kind of alarms
- ① Gas alarms ② Over-scale alarm ③ Low battery alarm
- Self-automatic illumination in dark places
- Remote monitoring capability (5, 10, 20, 30m)
- External alarm buzzer capability
- Intrinsically safe (Made in Japan)



AK00002

### Specifications

Detection principle	Electrochemical cell
Measurable gas	Oxygen in air
Measuring range	0-25%
Accuracy	Better than $\pm 0.7\%$ (JIS T8201 complied)
Alarm preset point	18%
Sampling method	Diffusion sampling
Operating temp.	-10°C ~ +40°C
Batteries & operating hours	Dry battery x 2 pcs, 100 hrs minimum by alkaline battery or Ni-Cd battery (option)
Dimensions & weight	78 (W) x 142 (H) x 26 (D)mm, Approx 300g

## Oxygen Monitor

Model OX-62B Applied by H.K. (Ship equipment inspection society)  
Approved by N.K. register of shipping in Japan

### Features

- Remote type oxygen monitoring
- Large size meter with illuminous paint
- Stock-proof protective cover at sensor part
- Long life sensor applied
- Intrinsically safe (Made in Japan)

### Specifications

Detection principle	Electrochemical cell
Measurable gas	Oxygen in air
Measuring range	0-25%
Accuracy	Better than $\pm 0.7\%$ (JIS T8201 complied)
Operating temp.	-10°C ~ +40°C
Batteries & operating hours	Dry battery x 2 pcs, 40 days minimum Alkaline battery x 2 pcs, 70 days minimum Ni-Cd battery x 2 pcs, 20 days minimum
Dimensions & weight	Indicator unit: 83(W) x 177(H) x 40(D)mm, Approx 0.5kg Sensor unit: 60 dia x 140mm, Approx 0.4kg (with 5m cord)



AK00003

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# SCIENTIFIC INSTRUMENT

## Combustible Gas Detector

Model GP-226 Applied by H.K. (Ship equipment inspection society)

### Features

- Dual expanded scale with automatic suction
- Simple design with small size & light weight
- Large size analog meter
- Intrinsically safe (Made in Japan)



### Specifications

Detection principle	Catalytic combustion
Measurable gas	GP-266: Combustible gas (iso-butane cal) in air
Measuring range	GP-266: 0-20/ 0-100% LEL (Change-over)
Sampling method	Internal pump suction
Accuracy	Better than $\pm 5\%$ of F.S
Alarm preset point	20% LEL
Operating temp.	-10°C ~ +40°C
Batteries & operating hours	Internal Ni-Cd battery, 4 hrs minimum
Dimensions & weight	150 (W) x 85 (H) x 125 (D)mm, GP-266: Approx 1.6kg

Model GP-204 Approved by Institute for Safety of High pressure gas engineering in Japan  
Approved cert No. A4925 (GP-204) by DNV (Det Norske Veritas) in Norway

### Features

- Robust design
- Simple design with small size & light weight
- Large size analog meter
- 3 kind of gas range scale



### Specifications

Detection principle	Catalytic combustion
Measurable gas	Combustible gas (LPG, Gasoline & LEL scale) in air Methane (CH <sub>4</sub> ) as option
Measuring range	LPG : 0-1.9% by vol Gasoline : 0-1.4% by vol Combustibles : 0-100% LEL
Batteries & operating hours	Dry battery x 2 pcs 7 hrs minimum
Dimensions & weight	136 (W) x 85 (H) x 102 (D)mm, Approx 1.7kg

## COMBUSTIBLE LEAK DETECTOR



### Partial list of gases detected:

- Acetone • Ammonia • Carbon Monoxide • Ethylene Oxide • Gasoline • Hydrogen Sulfide • Industrial Solvents • Lacquer Thinners • Propane • Refrigerants Natural Gas • Alcohol • Steam • Butane • Halon Hydrogen • Jet Fuel • Smoke • Methane • Naphtha • Solid state sensor can not be poisoned • Detect as little as 10PPM methane • Wide range nullable tick detection usable in high gas concentrations • Adjustable alarm level • Quiet alarm button allows continuous searching

## DIGITAL LUXMETER 93560E

- Measurement of light intensity
- Automatic measurement range selection
- Silicon sensor
- Integrated data memory
- Data memory for 99 measurement



## HAND-HELD REFRIGERANT LEAK DETECTOR



- Super large 1.4" (36mm) LCD display
- Display woods moisture content from 9-30% with a 0.1% resolution
- Memory contains 9 material groups including calibrations for approximately 150 species of wood
- Build-in self calibration with manual temperature compensation adjustment
- Record/ Recall MIN/ MAX readings
- Data Hold plus Auto shut off
- Built-in RS-232 serial interface for connection to a PC
- Complete with 2 pin moisture probe, 40" cable, 10 spare pins, protective holster, and 9V battery

## DIGITAL WOOD MOISTURE METER



### MODEL: J-2000 SPECIFICATIONS:-

Amicro-controller circuit corrects for individual species and temperature and averages up to 100 accumulated readings. Measures moisture content over the range of 6-40%. Powered by one 9V battery.

Model	Description
J-2000	Wood Moisture Meter
J-2000	Wood Moisture meter Packages
	Includes meter, deluxe carrying case, electrode and extra contact pins.

## ALNOR BALOMETER, JR.

- Ideal for anyone needing quick, accurate air volume reading from a portable capture hood
- Balometer Jr. fits directly over air supply and return (grilles, diffusers or filter panels)
- Select from three ranges to measures 0 to 200 CFM, 100 to 600 CFM, and 400 to 1400 CFM
- Low cost, Light weight, versatile and designed for hard-to-reach places
- 1 year warranty



Accuracy Scale 5% of full scale  
Range 0 to 1400 CFM  
Instrument weight 6.5 pounds

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