

# PERSONAL GAS ALARM

Human life is constantly threatened in working areas where combustible or toxic gases can accumulate or Oxygen becomes depleted/enriched. Model: PG-110 provides effective warning to preserve human life under these dangerous conditions. The compact design, a state-of-the-art sensor and remarkable durability assure optimum performance with minimum maintenance.

Model: PG-110



## FEATURES

- Small and Light weight
- Hand held instrument Battery operated
- Long life Electro Chemical Sensor
- Direct Digital LCD Readout
- high and very high alarm
- Optional Headphone Alarm facility
- Optional Two different gases can be detected

## OPERATIONS

The personal gas alarm gives a direct digital readout in % LEL or PPM level as per requirement. the PG-110 is self containing sensor and 2 no,of standard AA size batteries. The unit is small and light in a weight with facility for hook the unit with belt So both the hands of the operator can be free. The unit has high and very high adjustable built-in buzzer alarm facility in noisy environment. A low battery indication is given on display with buzzer, which indicates that the battery has to replaced. the unit is very convenient, light weight, portable and easy to operate. PG-110 provides optional continuous monitoring of up to any two gases that is combustible gas or Oxygen and one or two toxic gases for industrial hygiene monitoring.

## APPLICATIONS

- Alkalis and Dyes Manufacturing Plants
- Caustic Soda Plants
- Principal Water Works
- Paper Mills
- Water Treatment Plants
- Offshore & Refineries
- Chlorination Plants
- Swimming Pools
- Power Stations & Cooling Towers
- PVC Manufacturing Plants

## HUSAINI<sup>®</sup> ENGINEERS PVT LTD

Plot No-29, 304, Fakhri Manzil, Saifee Park, Church Road, Marol, Andheri (East),  
Mumbai: 400 059 INDIA Tele/Fax : +91-22 -8364404,+91-9324564404  
E-mail: husainieng@gmail.com Visit us at: www.husainiengineers.com

## SPECIFICATIONS

ACCESSORIES	Leather carrying case, Operating instruction, Battery
DIMENSION	210 (H) X 115 (W) X 40 (D)
DISPLAY	3½ Digit LCD Display
FUNCTIONAL KEYS	ON-OFF Switch, Zero and span adjustment pot
HOUSING	PVC Enclosure
LOW BATTERY	Indication with buzzer
OPERATING TEMP	0 to + 45°C
OPTIONAL	Headphone, Ni-Cd rechargeable battery, charger
OUTPUT	Audible Alarm facility
POWER SUPPLY	Four AA size batteries 4.8v Rechargeable Cell (1.2V each)
RANGE	0 to 100% LEL or PPM level as per requirement
RESOLUTION	0.1% LEL Or 0.1 PPM
RESPONSE TIME	Less then 30 seconds
SAMPLING METHOD	Diffusion
SENSOR LIFE	Expected life 18 months depending up on operating condition
SET POINT	Catalytic combustion or Electrochemical
SENSOR TYPE	High and very high

*In the interest of continued product improvement, we reserved the right to change the specification without prior notice.*

HUSAINI<sup>®</sup> also offers the following products.

- Continuous monitoring of Toxic Gas Detector like SO<sub>2</sub>, NH<sub>3</sub>, Cl<sub>2</sub>, HCl. etc.
- Continuous monitoring of combustible Gas Detector like Carbon Disulfide, Methane, etc.
- Transmitter card with output 4-20mA with Sensor.
- Dual channel instruments & two diff. Or same gas monitoring
- Monitors with FRP/ POLY CARBONATE cabinets confirming Ip65 to suit various productive application.

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 E-mail: husainieng@gmail.com Visit us at: www.husainiengineers.com