

# GAS DETECTION CONTROLLER

■ MULTI CHANNEL UNIT MONITOR  
 ■ MODEL : SHT-970MU.DU

## FEATURES

- Compact design.
- Various designs ranging from a single circuit to multiple circuits.
- SHT-970MU.DU is for domestic and overseas usage regardless of voltage and frequency, consisting of the SMPS circuit.
- SHT-970MU.DU with artificial intelligence, detects gas leakage and failures by decoding arithmetic operation with microprocessors.
- 4~20mA. DC output, an alarm, relay contact output.
- Automatic settings for a zero point, a span, and calibration can be processed on the front without volume.
- Various functions such as two alarm(1st and 2nd) and two relay(Contact) output, and common and individual output, and more.
- Approval on model by the Korea Fire Industry Technology Institute(National examination).
- Electromagnetic Interference Certification required. - DETECTOR : SHT-4700D
- This single gas detection controller connected to the local gas detector is to measure atmospheric gas concentrations in real time, to display the concentration, and to warn against concentrations as danger.



1CHANNEL



3CHANNEL



SHT-ASV(P)



SHT-901(P)

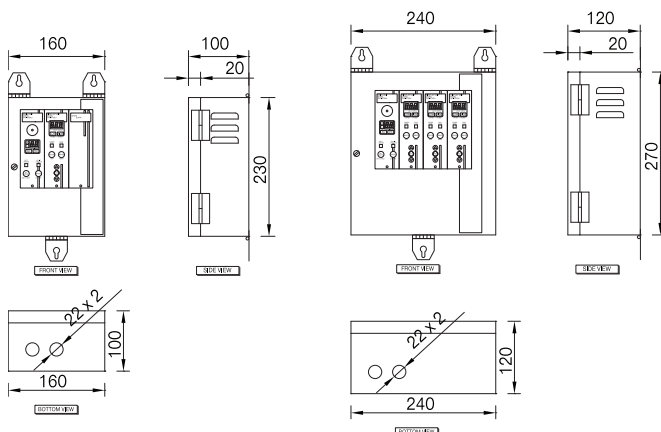
## SPECIFICATION

- | **Model No.** | SHT-970MU.DU
- | **Measuring gas** | LNG, LPG, Flammable Gas, Toxic Gas, Oxygen(O<sub>2</sub>)
- | **Measuring range** | 0~100%(LEL) - Flammability  
 0~PPM - Toxicity(See the range of toxicity by gas), 0~30%(Vol) - O<sub>2</sub>
- | **Input signal** | 4~20mA.DC
- | **Measuring display** | 3digit FND Digital display, Two stage alarm(1st, 2nd)  
 - Front Random settings(To change alarm points)
- | **Output signal** | 4~20mA.DC, Relay contact(H.HH) - Common and individual(Independent)  
 12V.DC(H.HH) - Common and individual(Independent)
- | **Alarm Sound** | More than 90dB
- | **Operating Temp' /Humi'** | -20°C~+40°C/85% RH
- | **Operating power** | 220/110V.AC, 50/60Hz
- | **Consumption electric power** | 4.8W
- | **Mounting type** | Wall mounting
- | **Dimension** | 1Channel - 160(W) x 230(H) x 100(D), 3Channel - 240(W) x 270(H) x 120(D)
- | **Weight** | 1Channel - 3Kgs, 3Channel - 4.6Kgs



DETECTOR

## DIMENSION (mm)



- ※ Dimensions of each Channel(mm)
- 1 Channel : 160(W) x 230(H) x 100(D)
  - 2 Channel : 220(W) x 270(H) x 120(D)
  - 3 Channel : 240(W) x 270(H) x 120(D)
  - 4 Channel : 280(W) x 270(H) x 120(D)
  - 5 Channel : 320(W) x 320(H) x 120(D)
  - 6 Channel : 360(W) x 320(H) x 120(D)
  - 7 Channel : 400(W) x 320(H) x 120(D)
  - 8 Channel : 440(W) x 320(H) x 120(D)
  - 9 Channel : 480(W) x 320(H) x 120(D)
  - 10 Channel : 360(W) x 480(H) x 140(D)
  - 12 Channel : 360(W) x 480(H) x 140(D)
  - 14 Channel : 400(W) x 480(H) x 140(D)
  - 16 Channel : 440(W) x 480(H) x 140(D)