

SOOSAN Group

30 Years for Gas Safety

SOOSAN HOMETECH CATALOGUE 2026

Greetings

Soosan Hometech is a leading company in the gas appliances industry that manufactures and sells Gas Sensor, Gas Detector, Gas Shut-off Device, and IoT products for safe gas use.

We are dedicated to research and development to make high quality products for convenient and safe use of gas. We will continue our endeavor to produce the highest-quality competitive goods and build ourselves a truly trusted company by customers.

Your Life Partner, Soosan Hometech

Affiliates of SOOSAN Group



Soosan Cebotics Co., Ltd.
Heavy Construction Equipment Manufacturing
(Hydraulic Breakers, Drilling Rigs, Cargo Cranes, etc.)



Soosan Industries Co., Ltd.
Nuclear & Thermal Power Plant Maintenance Services



Soosan Vina Motor Co., Ltd.
Trailer Manufacturing Specialist



Soosan ENS Co., Ltd.
Nuclear Measurement & Control Systems



Soosan INT Co., Ltd.
Global IT Security Solutions



SH POWER Co., Ltd.
Renewable Energy & Solar Power Generation CDM Carbon Credit Projects



Soosan Nutech Co., Ltd.
Nuclear Power Plant Maintenance & RMS Manufacturing

Main Products

Gas Detector



FB-365/365R



FB-370/370R



BB-454



BB-455

Gas Shut-Off System (Controller)



FC-531/532



EC-533/536



GC-531/532



FC-541/543/546

Gas Shut-Off Device (Shut-Off Device)



GD-703/704/705



DD-706 to 713

Set Components

Detector

Controller

Shut-Off Device

Detector

Controller

Shut-Off Device



FB-365



GC-531/532



GD-703/704/705



BB-454



FC-541



DD-706 to 13

Standard Use Set

Commercial Use Set



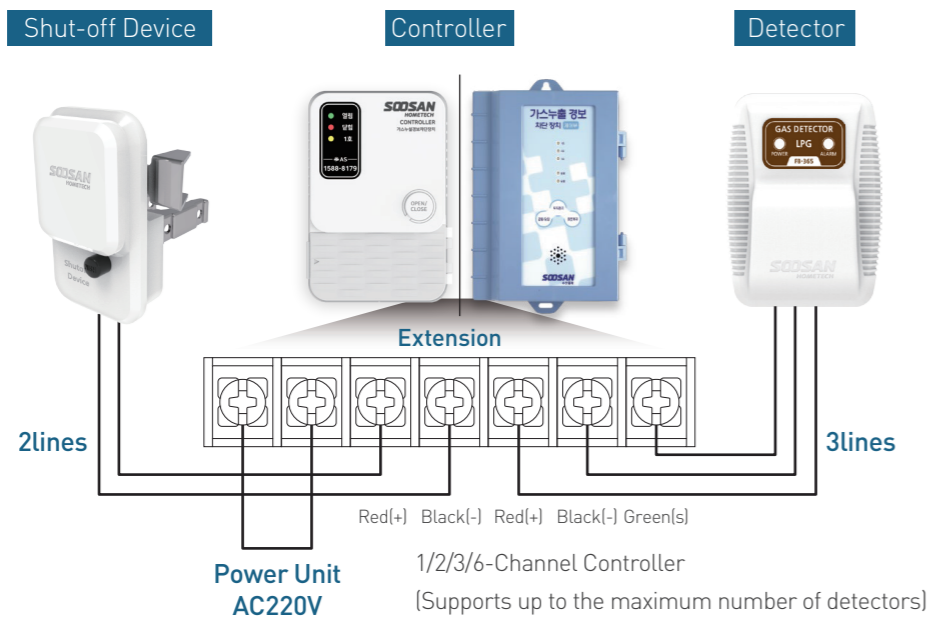
Standard Use Set

Gas Shut-Off Device

Our Gas Shut-Off Device for standard use is a product authorized by **Korea Gas Safety Corporation** and **Korea Fire Institute** officially. Using a cable system, the device performs remote leak detection and automatic valve shut-off. The new controller and shut-off device have an excellent design and strong durability, and 1 up to 6 circuit loads are available.

Connection System for Soosan Detector and Controller(1/2/3/6 CH)

※ Intended for general use; also suitable for commercial environments(e.g., restaurants, food factories).



Main Products (Home & Standard Use)

Detector

Single Type



FB-365/365R Waterproof Type(LNG, LPG)

| | | | |
|--------------------------------|--|---------------------|---|
| Target Gas | LNG, LPG | Aging Time | 1 min after power applied |
| Power Source | DC12V±10% | Alarm method | Buzzer (+70dB), Yellow LED flash (Auto-reset) |
| Consumption | Appx. 0.8W (Normal)/ 24W (Alarm) | Temp./Humid. | -20°C~40°C/20%~85%RH |
| Detection Concentration | 1/4 or less of the lower explosive limit | Size(mm) | 82(W)×112(H)×44(D) |
| | | Weight(g) | 130(Flame-retarding material) |

* R Type: Relay output type
* Options Adjustable Output Voltage (OV)



FB-370/370R Waterproof Type(LNG, LPG)

| | | | |
|--------------------------------|--|---------------------|---|
| Target Gas | LNG, LPG | Aging Time | 1 min after power applied |
| Power Source | AC220V±10% | Alarm method | Buzzer (+70dB), Yellow LED flash (Auto-reset) |
| Consumption | 1.8W (Normal)/ 3W (Alarm) | Temp./Humid. | -20°C~40°C/20%~85%RH |
| Detection Concentration | 1/4 or less of the lower explosive limit | Size(mm) | 82(W)×112(H)×44(D) |
| | | Weight(g) | 240(Flame-retarding material) |

* Options 1) Adjustable Output Voltage (OV)
2) Adjustable Power Cord Length

* Options Adjustable Output Voltage (OV)

Controller



FC-531 1CH/532 2CH

| | |
|---------------------|---------------------|
| Power Source | AC220V±10%, 50/60HZ |
| Consumption | 1.8W |
| Output Power | Appx. DC 12V |
| Temp./Humid. | -10°C~40°C/20%~85% |
| Size(mm) | 80(W)×140(H)×50(D) |
| Weight(g) | 400 |



EC-533 3CH/536 6CH

| | |
|---------------------|---------------------|
| Power Source | AC220V±10%, 50/60HZ |
| Consumption | 1.6W |
| Output Power | Appx. DC 12V |
| Temp./Humid. | -10°C~40°C/20%~85% |
| Size(mm) | 80(W)×140(H)×50(D) |
| Weight(g) | 450 |

NEW



GC-531 1CH/532 2CH

| | |
|---------------------|--------------------|
| Power Source | AC220V±10% |
| Consumption | 1.8W |
| Output Power | Appx. DC 12V |
| Temp./Humid. | -10°C~40°C/20%~85% |
| Size(mm) | 80(W)×140(H)×50(D) |
| Weight(g) | 400 |

NEW



GC-533 3CH/536 6CH

| | |
|---------------------|---------------------|
| Power Source | AC220V±10% |
| Consumption | 9W |
| Output Power | Appx. DC 12V |
| Temp./Humid. | -10°C~40°C/20%~85% |
| Size(mm) | 150(W)×210(H)×70(D) |
| Weight(g) | 750 |

* Available Q3 2026

Shut-Off Device



GD-703(15A) 1/2" GD-704(20A) 3/4"

| | |
|-----------------------|-------------------------|
| Power Source | DC12V±10% |
| Shut-off Speed | 15 secs or less |
| Consumption | 1.8W on no-load running |
| Size(mm) | 115(W)×140(H)×65(D) |
| Valve | Screw type ball valve |
| Weight(g) | 350 |



GD-705(25A) 1"

| | |
|-----------------------|-----------------------|
| Power Source | DC12V±10% |
| Shut-off Speed | 15 secs or less |
| Consumption | 2W on no-load running |
| Size(mm) | 115(W)×140(H)×65(D) |
| Valve | Screw type ball valve |
| Weight(g) | 350 |

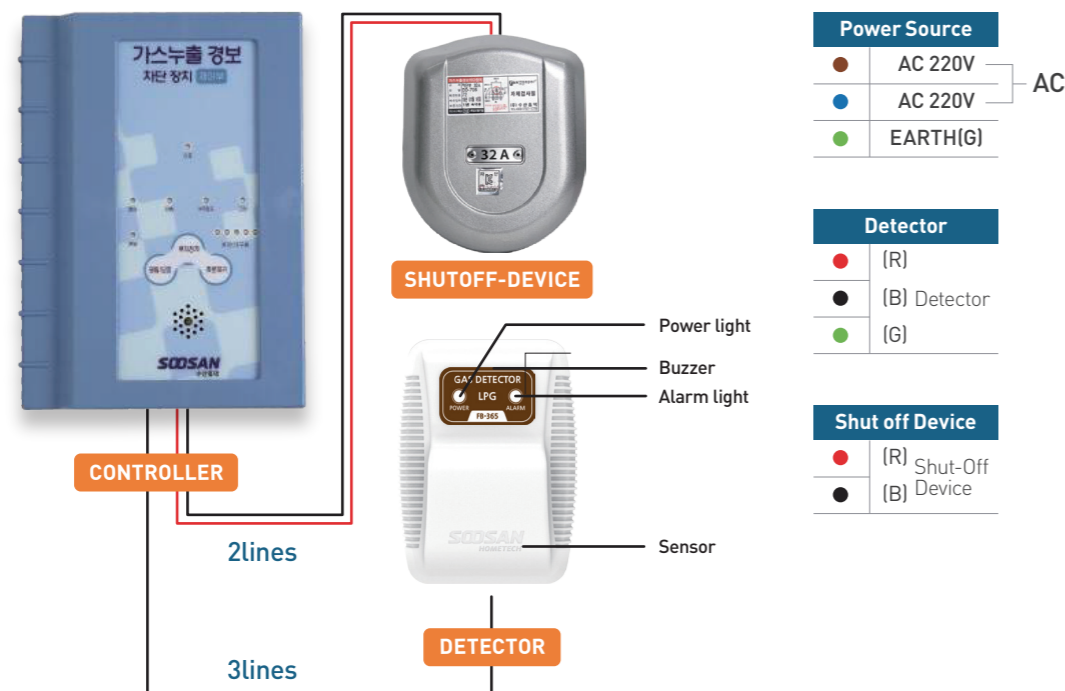


Commercial Use Set

Gas Shutoff-Device

Our Gas Shut-Off Device for commercial use is a product authorized by **Korea Gas Safety Corporation** and **Korea Fire Institute** officially, to be installed at large restaurants, accommodations, and public establishments. The device is applied to standard LNG/LPG gases, and provides monitoring and automatic shut-off of gas valve through the controller. 1/3/6 circuit loads are available. Excellent design and strong durability stand out.

Connection Mechanism(FC-541)



Main Products (Commercial Use)

* Options F(Flange) type available for all business model device

Shut-Off Device



DD-706(32A) 1 1/2"

Power Source DC24V±10%
Shut-off Speed 20 secs or less
Consumption 5W on no-load running
Torque(N.m) 98.1 or more
Size(mm) 265(W)×240(H)×140(D)
Weight(kg) 3



DD-708(40A) 1 1/2"

Power Source DC24V±10%
Shut-off Speed 20 secs or less
Consumption 5W on no-load running
Torque(N.m) 98.1 or more
Size(mm) 265(W)×240(H)×140(D)
Weight(kg) 3



DD-710(50A) 2"

Power Source DC24V±10%
Shut-off Speed 20 secs or less
Consumption 5W on no-load running
Torque(N.m) 176.5 or more
Size(mm) 265(W)×240(H)×140(D)
Weight(kg) 3



DD-713(65AF) 2 1/2"

Power Source DC24V±10%
Shut-off Speed 20 secs or less
Consumption 5W on no-load running
Torque(N.m) 176.5 or more
Size(mm) 265(W)×240(H)×140(D)
Weight(kg) 3

Controller



FC-541 1CH

Power Source AC220V±10%, 50/60Hz
Consumption 1.8W on no-load running
Size(mm) 150(W)×210(H)×70(D)
Weight(g) 700



FC-543 3CH

Power Source AC220V±10%, 50/60Hz
Consumption 1.8W on no-load running
Size(mm) 150(W)×210(H)×70(D)
Weight(g) 700



FC-546 6CH

Power Source AC220V±10%, 50/60Hz
Consumption 1.8W on no-load running
Size(mm) 150(W)×210(H)×70(D)
Weight(g) 700

Detector

Separated receiver and detection unit



BB-454 LNG, LPG

| | | | |
|--------------------------------|--|------------------------|---|
| Target Gas | LNG, LPG | Alarm Method | Buzzer(+70dB), Yellow LED flash(Auto-reset) |
| Power Source | AC220V±10% | Temp./Humid. | -10°C~40°C/20%~85%RH |
| Consumption | 0.8W(Normal)/ 1.1W(Alarm) | Size(mm) | Receiver : 275(W)X340(H)X160(D) Detection Unit : 180(W)X130(H)X80(D) |
| Detection Concentration | 1/4 or less of the lower explosive limit | Weight(g) | 700 |
| Aging Time | 1 min after power applied | Explosion Proof | d2G4 EX d I I B T4 |



Industrial Use Set

Gas Shut-Off Device

Our Gas Shut-Off Device for industrial use is a product authorized by **Korea Gas Safety Corporation** and **Korea Fire Institute** officially, to be installed at large buildings, department stores, hotels, and airports, etc. This high-durable device consists of explosion-proof detection unit and receiver, and performs unmistakable and accurate detection of gas leak. Industrial shut-off device can also be supplied in custom build versions.

Detector (Separated receiver and detection unit)



Receiver



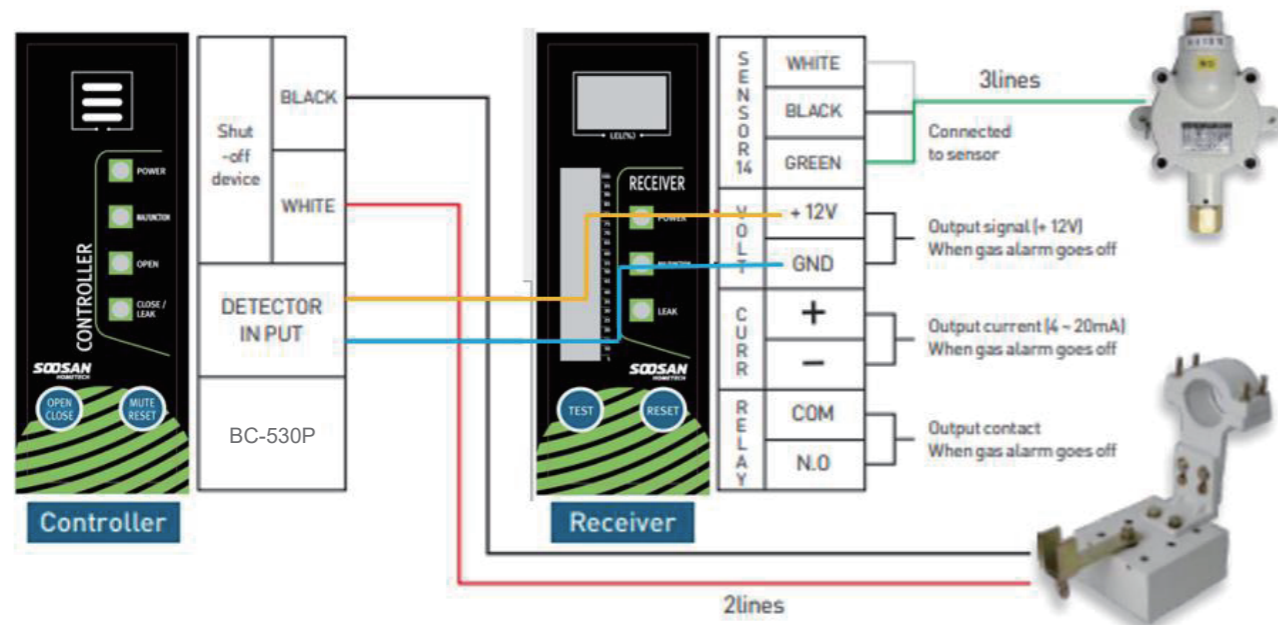
Explosion-proof detection unit

BB-455(LNG/LPG)

| | | | |
|-----------------------|-------------------------------------|------------------------|---|
| Function | Alarm, Connected to shut-off device | Temp./Humid. | -20°C~40°C/85%RH or less |
| Power Source | AC220V±10%, 50/60HZ | Size(mm) | Receiver : 275(W)X340(H)X160(D) Detection Unit : 180(W)X130(H)X80(D) |
| Consumption | 15.2W(Normal)/20W(Alarm) | Weight(Kg) | 8(based on 4 circuits) |
| Output Power | Normal 2V, Alarm 12V | Production List | 3 circuits, 6 circuits, 9 circuits..., n circuits (custom-made) |
| Response Speed | 20 secs or less | Explosion Proof | d2G4 EX d II B T4 |

* Options 1) Card number(s) for each receiver and detection unit
2) Alarm device for abnormal pressure

Connection Mechanism(BC-550P)



Main Products (Industrial Use)

Shut-Off Device



CD-716(80A) 3"

| | |
|-----------------------|------------------------|
| Power Source | DC90V±10% |
| Consumption | 15W on no-load running |
| Shut-off Speed | 30 secs or less |
| Torque(N.m) | 245.2 or more |
| Size(mm) | 380(W)×360(H)×205(D) |
| Weight(Kg) | 9 |



CD-720(100A) 4"

| | |
|-----------------------|------------------------|
| Power Source | DC90V±10% |
| Consumption | 15W on no-load running |
| Shut-off Speed | 30 secs or less |
| Torque(N.m) | 245.2 or more |
| Size(mm) | 380(W)×380(H)×205(D) |
| Weight(Kg) | 9.5 |



CD-722(150A) 6"

| | |
|-----------------------|------------------------|
| Power Source | DC90V±10% |
| Consumption | 20W on no-load running |
| Shut-off Speed | 30 secs or less |
| Torque(N.m) | 343.2 or more |
| Size(mm) | 345(W)×365(H)×340(D) |
| Weight(Kg) | 18 |

Controller



DC-551 1CH

| | |
|---------------------|---------------------|
| Power Source | AC220V±10%, 50/60HZ |
| OV | 90V±10% |
| Consumption | -10°C~40°C/20%~85% |
| Size(mm) | 150(W)×210(H)×70(D) |
| Weight(Kg) | 0.7 |



DC-553 3CH

| | |
|---------------------|---------------------|
| Power Source | AC220V±10%, 50/60HZ |
| OV | 90V±10% |
| Consumption | 10°C~40°C/20%~85% |
| Size(mm) | 150(W)×210(H)×70(D) |
| Weight(Kg) | 0.7 |



DC-556 6CH

| | |
|---------------------|---------------------|
| Power Source | AC220V±10%, 50/60HZ |
| OV | 90V±10% |
| Consumption | 10°C~40°C/20%~85% |
| Size(mm) | 150(W)×210(H)×70(D) |
| Weight(Kg) | 0.7 |

Controller(Modular Type)



BC-530P(General Use)

| | |
|----------------------|---------------------|
| Power Source | AC220V±10%, 50/60HZ |
| Consumption | 4.5W |
| Device Power | DC12V±10% |
| Temp./ Humid. | -10°C~40°C/20~85% |
| Size(mm) | 42(W)×138(H)×115(D) |
| Weight(Kg) | 0.35 |



BC-550P(Industrial Use)

| | |
|----------------------|---------------------|
| Power Source | AC220V±10%, 50/60HZ |
| Consumption | 8W |
| Device Power | DC90V±10% |
| Temp./ Humid. | -10°C~40°C/20~85% |
| Size(mm) | 42(W)×138(H)×115(D) |
| Weight(Kg) | 0.35 |



BC-540P(Commercial Use)

| | |
|----------------------|---------------------|
| Power Source | AC220V±10%, 50/60HZ |
| Consumption | 4.5W |
| Device Power | DC24V±10% |
| Temp./ Humid. | -10°C~40°C/20~85% |
| Size(mm) | 42(W)×138(H)×115(D) |
| Weight(Kg) | 0.35 |

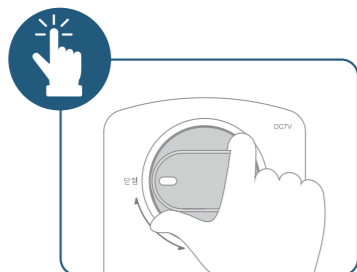


Timer Shut-Off Device

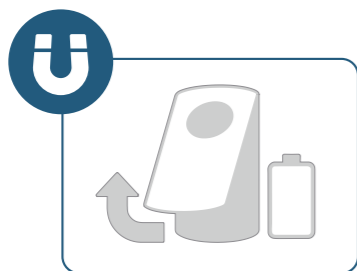
HT-B30



Smart and Safe Life!



Easy to open and close a valve
(ok to manual operation)



Easy detachment magnetic cover

Non-Communication Timer Shut-Off Device

Install the Timer in the hughes cock at home and
No Worries about Catching Fire!

Timer Cock Shut-Off Device is a safe gas leak breaker that shuts off the fuse cock automatically once the set time for using gas is up. It is an essential home device for the seniors and homemakers.



Timer Shut-Off Device HT-B35

HT-B35

| | |
|------------------|----------------------------|
| Model | HT-B35 |
| Driving System | Motor System/Clutch Type |
| Power Source | DC6V / AA Size Battery 4EA |
| Initial Time Set | 20mins. |



Timer Shut-Off Device HT-B40

HT-B40

| | |
|------------------|----------------------------|
| Model | HT-B40 |
| Driving System | Motor System/Clutch Type |
| Power Source | DC6V / AA Size Battery 4EA |
| Initial Time Set | 20mins. |

We are dedicated to research and development to make high quality products for convenient and safe use of gas.



CO Detector COB-380V(Battery)

300,000+ units sold

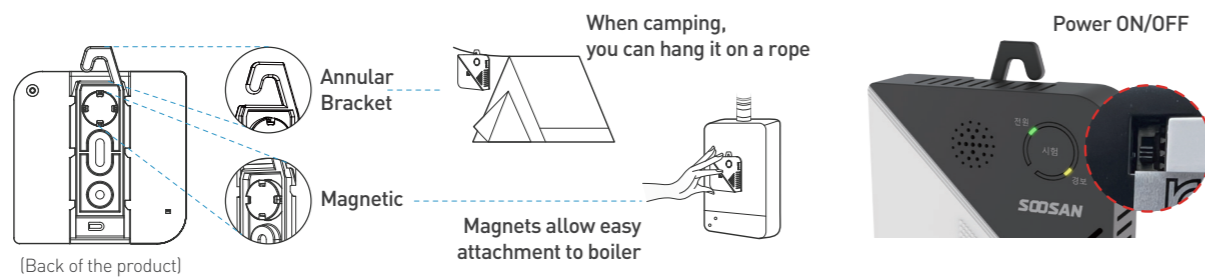


Compatible for both Home and
Camping Use with a necessary function

Make it Easier

The CO alarm is a product that detects CO gas and generates an alarm, and if the concentration of CO gas is more than 250 ppm, it outputs an alarm sound and an alarm sound and displays it with LEDs.

Product Features



Product Specifications

| | | | |
|--------------------|---|---------------------------|---|
| Model | COB-380V | Sense | Electrochemical Formula(CO) |
| Used Power | 3V Lithium battery(CR123A)*1EA | Size(mm) | 90(W)×90(H)×25(D) |
| Display LED | Power: Green LED(blinking) Alarm: Yellow LED(blinking) | Alarm voice Output | Alarm voice at least 70 dB Battery low voltage warning |



CO Detector COB-480S(Battery)

| | | | |
|--------------------|---|---------------------------|---|
| Model | COB-480S | Sense | Electrochemical Formula(CO) |
| Used Power | 3V Lithium battery(CR123A)*1EA | Size(mm) | 75(W)×115(H)×35(D) |
| Display LED | Power: Green LED(blinking) Alarm: Yellow LED(blinking) | Alarm voice Output | Alarm voice at least 70 dB Battery low voltage warning |



CO Detector COB-366(DC)

| | | | |
|--------------------|---------------------------------------|---------------------------|-----------------------------|
| Model | COB-366 | Sense | Electrochemical Formula(CO) |
| Used Power | DC 12V | Size(mm) | 82(W)×112(H)×44(D) |
| Display LED | Power: Green LED Alarm: Yellow LED | Alarm voice Output | Alarm voice at least 80 dB |



CO Detector COB-371(AC)

| | | | |
|--------------------|---------------------------------------|---------------------------|-----------------------------|
| Model | COB-371 | Sense | Electrochemical Formula(CO) |
| Used Power | AC 220V | Size(mm) | 82(W)×112(H)×44(D) |
| Display LED | Power: Green LED Alarm: Yellow LED | Alarm voice Output | Alarm voice at least 80 dB |



CO Detector COB-372(AC)

| | | | |
|----------------------------|--|---------------------------|-----------------------------|
| Model | COB-372 | Sense | Electrochemical Formula(CO) |
| Used Power | AC 220V | Size(mm) | 82(W)×112(H)×44(D) |
| Display LED | Power: Green LED Alarm: Yellow LED | Alarm voice Output | Alarm voice at least 80 dB |
| Additional function | 90 degree rotation of plug left and right | | |

Other Gas-Related Products

| Product | Model | Category | Size | Use | Weight(g) | Note |
|---------|-----------------------------|----------------------|---------------------|---|-----------|-------------------|
| | Standard gas LPG 50% | Standard gas | 66(Ø)X300(H) | For inspecting gas detecto | 145 | Standard gas item |
| | Standard gas LNG 25% / 40% | Standard gas | 66(Ø)X300(H) | For inspecting gas detecto | 145 | |
| Other | Nozzle for standard gas | Standard gas nozzle | N/A | Standard gas nozzle | 200 | Industrial parts |
| | AB-455 For backup batteries | Battery | 120(W)X35(H)X35(D) | Internal battery for industrial detector | 1250 | |
| | Waterproof cover | Detection unit cover | 170(W)X90(H)X130(D) | Bus./ind. use detection unit external cover | 750 | |



Waterproof Cover

Commercial/Industrial Detector Cover

It can protect the detection unit installed outdoor from snow or rain, etc.

Size(mm) 170(W)×90(H)×130(D)
Weight(g) 750



Calibration Gas(LNG,LPG)

With this calibration gas, user can check the proper operation and performance of the product on-site where the gas detector is installed.

Gas Container Steel
Charge Volume(m³) 920
Pressure(Kg/cm²) 8
Gas Density LEL (50%, 40%, 25%)
Size(mm) 66(Ø)×300(H)
Weight(g) 145



Waterproof Cover

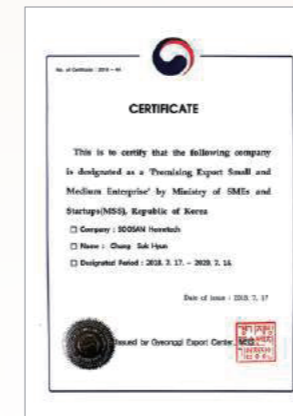
General Detector

General alarm waterproof cover (for general LNG/LPG alarm)

Certification

Soosan Hometech is making the highest quality and competitive products based on its extensive skills and technique.

Certificates for Techniques



Certificate for Business-Affiliated Research Institute



Quality Management System Certificate



Patent No. 0197062



Patent No. 0194059

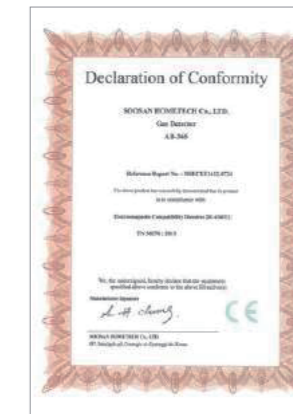
Quality Assurance Certificates



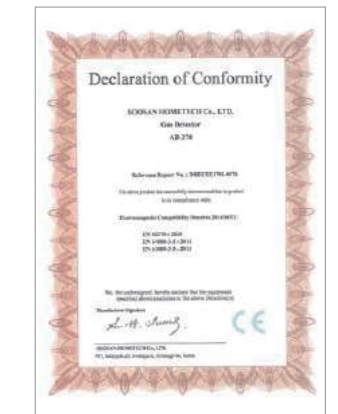
Safety Certificate



Certificate of Product-Specific Approved Exporter



Declaration of conformity (AB-365)



Declaration of conformity (AB-370)



Soosan Hometech Corporation

(12767) 87, Samjigok-gil, Gwangju-si, Gyeonggi-do, Republic of Korea
TEL +82-31-797-1778 FAX +82-31-797-0248 E-mail ht@soosan.co.kr
www.soosanht.com