

KUNKOOK E & I Inc.

Company Profile

KEI implements the business in accordance with the international standards with professional staff.
Customer satisfaction is our top priority.

KEI offers Total Solution for Fire Protection and Control.

Greetings

KUNKOOK E & I will be responsible for Fire Safety in Republic of KOREA!

Many industrial environments with the increasing of intelligent skyscrapers have been developed rapidly. That is meant that the probability of severity risks may occur in the industrial field at the same time. KEI is providing a diagnosis of fire risk, a design and construction for fire protection to keep our customers safety with our best service through a management innovation.

Dear Valued customer,
we promise to become a global company which has a responsibility for customer's safety and precious asset through ceaseless R&D & Risk Management.

Thank you.

CEO & P.E. / Jeung Yeul, Park



Overview

Management Policy

KEI operates our company according to fundamental rules.

Company Vision

Based on the technological innovation and quality assurance, KEI provides the excellent quality of service & product for the safety of our customers and makes the best efforts for our future vision.

Year of Establishment

2000. 10. 16

Type of Business

Fire Fighting Facilities -Design, Supervision, Construction, Inspection and Manufacture Fire assessment and its simulation

Partnership with Overseas Technology

- 3FFF
- VIKING CORP.
- SIMPLEX/GRINNEL (TYCO)
- NOTIFIER (HONEYWELL)
- CHEMETRON FIRE SYSTEM
- MARTECH SERVICES (USA / SAUDI)
- AKRON BRASS CO.
- KIDDE FIRE SYSTEM
- SCAME SISTEMI SRL.
- MUELLER COMPANY
- INCONTROL SYSTEMS INC.

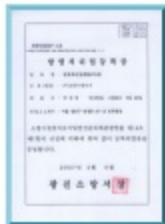


Organization Chart



Total 290 Employees

Certificates



■ Flame-retardant treatment business certificate



■ Fire Fighting facilities registration certificate(administration of facility)



■ Fire Fighting facilities registration certificate (construction business)



■ Fire Fighting facilities registration certificate(fire protection plan)



■ Fire Fighting facilities registration certificate (Construction inspection)



■ Electric work certificate



■ NFPA Membership



■ INNO-BIZ Confirmation



■ ISO 9001



■ ISO 14001



■ OHSAS 18001



■ Specialty construction business certificate



■ KHNP Q class



■ UL Certificate



■ NOTIFIER Certificate



■ Next Generation Sports confirmation



■ NEP



■ KITA membership

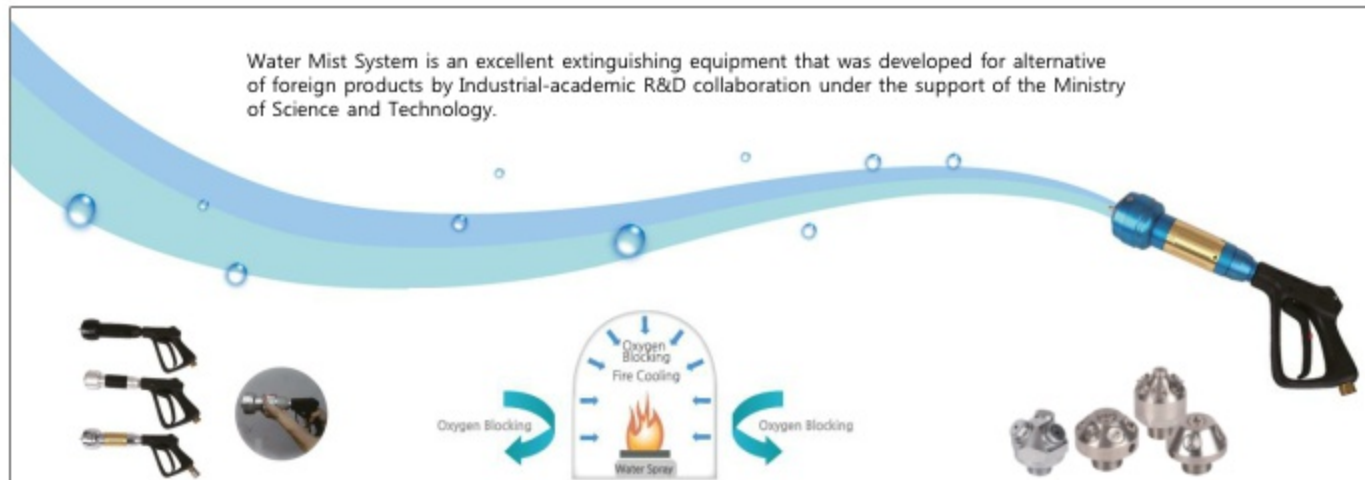
Major Overseas Reference (Plant)

Project name	Country
GSP#5 FIRE ALARM SYSTEM FIRE ALARM SYSTEM	THAILAND
GSP#1 PROJECT FIRE ALARM SYSTEM	THAILAND
TOC EO/EG PROJECT FIRE ALARM SYSTEM	THAILAND
TOC EO PURIFICATION PROJECT	THAILAND
IBN ZAHR PP-III PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
IBN ZAHR PP-III PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
IBN ZAHR OCT PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
IBN Zahr OCT FIRE FIGHTING SYSTEM	SAUDI ARABIA
TOC EO/EG EXPANSION PROJECT FIRE ALARM SYSTEM	THAILAND
PETROTRIN NHT-CCR PROJECT FIRE ALARM SYSTEM	TRINIDAD & TOBAGO
PETROTRIN NHT-CCR PROJECT FIRE ALARM SYSTEM	TRINIDAD & TOBAGO
BOROUGE 2 OCU PROJECT FIRE ALARM SYSTEM	UAE
BOROUGE 2 OCU PROJECT FIRE FIGHTING SYSTEM	UAE
GSP3 PROJECT FIRE ALARM SYSTEM	THAILAND
GSP6 PROJECT FIRE ALARM SYSTEM	THAILAND
ESP PROJECT FIRE ALARM SYSTEM	THAILAND
TALATONA CONVENTION HOTEL FIRE ALARM SYSTEM	ANGOLA

Project name	Country
MAADEN AMMONIA PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
MAADEN PDP PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
ARAMCO DHT PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
OMEGA OFFICE PROJECT FIRE ALARM SYSTEM	ANGOLA
SKIKDA PROJECT FIRE ALARM SYSTEM	ALGERIA
PETROTRIN ULSD PROJECT FIRE ALARM SYSTEM	TRINIDAD & TOBAGO
PETROTRIN NHT-CCR PROJECT FIRE ALARM SYSTEM	TRINIDAD & TOBAGO
STG UNITS 5&6 PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
JERP #3 AROMATICS UNITS PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
SHAH GAS U&O PROJECT FIRE ALARM SYSTEM	UAE
SHAH GAS U&O PROJECT FIRE ALARM SYSTEM	UAE
FUEL SUPPLY PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
PBI RPROJECT FIRE ALARM SYSTEM	INDONESIA
STG UNITS 5&6 PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
FUEL SUPPLY PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA
HPT PROJECT FIRE ALARM SYSTEM	INDONESIA
MAADEN PDP PROJECT FIRE ALARM SYSTEM	SAUDI ARABIA

Micro Water™ Water Mist System

Water Mist System is an excellent extinguishing equipment that was developed for alternative of foreign products by Industrial-academic R&D collaboration under the support of the Ministry of Science and Technology.



Main application field

-  Elevator
-  Fire truck
-  Express railway
-  Culvert
-  Semiconductor facility










Certificate of technology



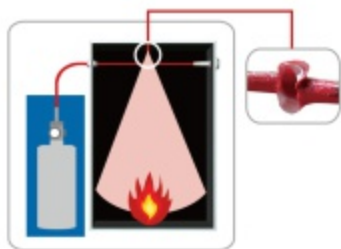
-  Ministry of Commerce
-  Safety Award
-  NEP certificate
-  Extinguishing Test Certificate

System specifications of Mobile Gun







-  Pump capacity
30lpm
-  Hose length
20-50m
-  Distance
16m
-  Pressure
80-120bar
-  Water tank capacity
180 liter
-  Flow
24-30lpm
-  Pattern
1-5 pattern

Fire Rex™

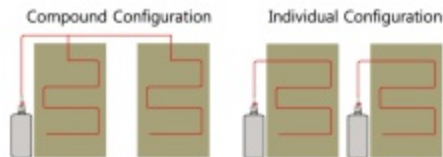
Fire Rex™ is an automatic extinguishing equipment by installing where an electric panel, cable tray, CNC machine, power supply, switchgear located.



Main application field





-  CNC, VCM Machine
-  Transformer cabinet
-  Laboratory ventilation duct
-  Car engine room.
-  Storage box of Combustible material
-  Electrical panels

Configuration method



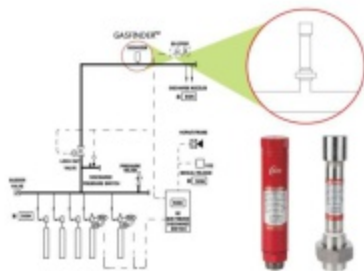
Product features



-  Easy maintenance
-  Operation without power
-  Easy installation Inside
-  Rupture tube by the fire

Gas Finder™

Gas Finder™ is an alert equipment to evacuate a personnel by adding an odor when CO2 discharges, which prevents human's life from hypoxia. Gas Finder™ is the equipment for spraying an odorant and distinguishing an agent by mechanical method, being installed on existing pipe without extra power supply.



Main application field

- 01 Odorless, Colorless Gas extinguishing facility
- 02 CO2 Gas extinguishing facility
- 03 Plumbing part which needs construction and maintenance
- 04 Horizontal pipe in a protective zone
- 05 Toxic Gas Facilities

Performance & Specifications

External diameter	Scent	Odorizer
▼	▼	▼
45mm	Wintergreen	23.6g
Explosion pressure of Ample	Material	Patent
▼	▼	▼
1bar	SUS 304	10-2013-0039974

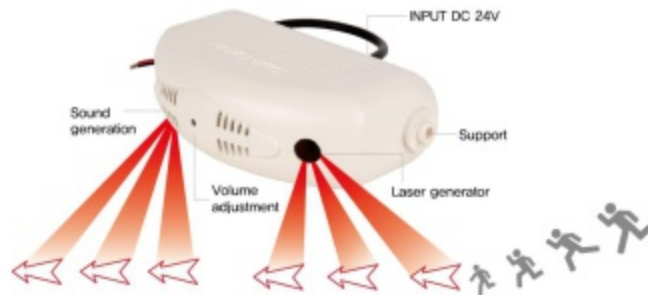
Product features

- New Technology
- New Concept Equipment
- NO power supply
- High reliability
- Olfactory warning







Safe Laser™

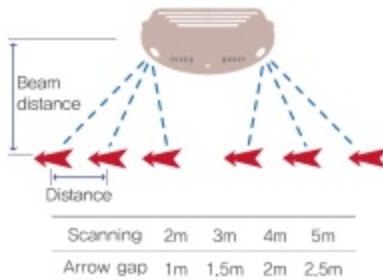
Safe Laser™ guides the evacuation route by laser diode, considering that evacuating route can not be seen from the smoke when fire. It is designed visual & hearing impairment are able to use And it is a device to evacuate early when fire occurs.



Main application field

-  Factories, Large Buildings
-  Hospitals, Crowded area
-  Department stores, Hotels
-  Low level of illumination Area

Performance & Specifications



Product specification

Type	10MW06
Voltage	DC24V
Normal operating temperature	-10 ~ 50°C
Alarm sound	90dB
Material	ABS
Dimension	135 x 85 x 42 (mm)
Weight	180g

Leak Alarm™

Leak Alarm™ as a certified product operates without power supply or devices such as a receiver. It is easy to install and will notify you immediately in case of decreasing an extinguishing agent through an alarm.

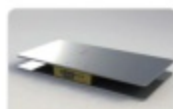
Model List



Range of Weight	1~250(kg)
Size	150×150×45
Rated Voltage	DC 24V
Rated Current	120mA
Method of Communication	RS-485 or contact output



Range of Weight	1~250(kg)
Size	200×220×45
Rated Voltage	DC 24V
Rated Current	120mA
Method of Communication	RS-485 or contact output



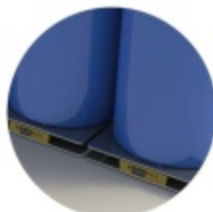
Range of Weight	1~250(g)
Size	200×400×45
Rated Voltage	DC 24V
Rated Current	120mA
Method of Communication	RS-485 or contact output



Range of Weight	1~250(g)
Size	300×300×45
Rated Voltage	DC 24V
Rated Current	120mA
Method of Communication	RS-485 or contact output

Product specification

- ⊕ Power supply: DC 24V
- ⊕ RS 485 communication method
- ⊕ Monitoring weight range: 1kg ~ 250kg
- ⊕ Weight detection setup range: 1Kg ~ 10Kg
- ⊕ Single program and individual alarm function
- ⊕ It can be set depending on user characteristics



UL Certificate

Sprinkler Emergency Equipment

Sprinkler Emergency Equipment is used to collect the leaking water from the sprinkler head or ceiling which may be damaged when fire water is used.



Product features

- ⊙ Minimize the flood damage
- ⊙ Protect to malfunctioning of sprinkler heads
- ⊙ Easy to use and install
- ⊙ Store in narrow or confined spaces
- ⊙ Allow to use various heights

Main application field

- Semiconductor factory
- Computer room
- Interior office space
- Warehouses
- Specialty drugs space
- Clean room
- Temples and buildings
- Inside the wooden cultural property

Door Fan Test

Door Fan test offers cost-effective method for measuring enclosure leakage and can be used to locate leaks at any time. **Door fan equipment** is located in a doorway to create small pressure differences between the enclosure and surrounding areas.



Door Fan Test Equipment

Test enclosures
21,600ft²(2,000m²)

Dimensions
26"x25,5"x9.5"
(66x65x24cm)

Single Phase power
in Auto-switches
Auto-switches 120V
15A & 240V 8A, 1ph

Motor&Blade
2.0ph
3phase w/8 blade fan

KEI provides a diagnosis of fire risk, design and construction for fire protection to keep our customer's safety with our best service.



Head Office

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Fire Protection Engineering / Surveillance / Installation / Fire Safety Consulting