

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес: kwg@nt-rt.ru | <http://kitagawa.nt-rt.ru>

Alarm Meters (for combustible gas)

Indoors

Combustible gas

FA-480

FA-490



Point

■ Used in combination with below gas detectors.

Standard configuration	Diffusion type	
	Indoors Alarm meter FA-480 FA-490	Site Gas detectors RDE-T RDE-TS RD-4
	 3-core cable	
Suction type	Indoors Alarm meter FA-480 FA-490	Site Gas detector RH-S
	 5-core cable	
	φ6/4 piping	

Gas Detectors (for combustible gas)

Site

ExExplosion-proof

RDE-T

(diffusion)

ExExplosion-proof

RDE-TS

(diffusion)

Hydrogen/Flame proof

RD-4

(diffusion)

Flame proof

RH-S

(suction)



Alarm meters specification

Model	FA-480	FA-490
Measuring gas	Combustible gas in the air	
Detection method	Catalytic combustion	Heat wire semiconductor
Measuring range	0~100%LEL (※) 0~2,000ppm	
Alarm setting value	Adjustable (20%LEL)	Adjustable-2 points (25%LEL, no pre-setting)
Alarm accuracy	Within 25% of setting value	
Alarm display	Intermittent red LED illumination and intermittent buzzer sound	
Alarm contact output	Gas alarm AL1 → non-voltage 1a or 1b contact	Gas alarm AL1 → non-voltage 1a or 1b contact Gas alarm AL2 → non-voltage 1a or 1b contact
Contact capacity	AC125V · 0.6A or DC110V · 0.6A (resistance load)	
Trouble display	Red LED lighting and intermittent buzzer sound	
Analogue output	DC4~20mA	
Power source	AC100V±10% 50/60Hz (AC220V optional)	
Power consumption	Diffusion type; approx. 5VA	Suction type; approx. 20VA
Operating temperature	-10~40°C; below 95%RH (non-condensing)	
Dimensions	120 (W)×197 (H)×65 (D) mm	
Weight	Approx. 0.9kg	

Gas detectors specification

Model	RDE-T	RDE-TS	RD-4	RH-S
Measuring gas	Combustible gas		Hydrogen	Combustible gas
Detection method	Catalytic combustion	Heat wire semiconductor	Catalytic combustion Heat wire semiconductor	
Sampling method	Diffusion			Suction
Explosion-proof	ExdIIBT4	ExdIIBT4	d3aG4	d2G4
Combination	FA-480/490, KA-704R/F/S, KA-708R/F/S, KU-7R/F/S, FA-20F, FA-30 (RDE-T only)			
Dimensions (mm)	100 (W) 173 (H) 81 (D)	100 (W) 173 (H) 81 (D)	140 (W) 175 (H) 108 (D)	355 (W) 325 (H) 108 (D)
Weight	1.0Kg	1.0Kg	4.2Kg	6.3Kg

COMBUSTIBLE GAS DETECTOR/ALARM SYSTEM

Alarm Meter

Indoors

Combustible gas

UA-480

Point

- Wall mount type, one point sampling.
- Large display.
- Constant monitoring with a combination of gas detectors at site and observation point.
- Used in combination with below gas detectors.



Standard configuration	Explosion proof	Indoors Alarm meter UA-480	2-core shielded cable	Site Gas detectors URA-700 URA-800
	Non-Explosion proof	Indoors Alarm meter UA-480		Site Alarm meter FMA-7UR

Specification

Model	UA-480
Measuring gas	Hydrocarbon in the air or inert gas
Detection method	Non-dispersive infrared ray
Measuring range	0~100%LEL (※)
Display method	LED digital
Alarm setting value	Upper limit, adjustable (standard 20%LEL)
Alarm accuracy	±25% of alarm setting value
Alarm display	Flashing red LED, intermittent buzzer sound
Alarm contact output	Non-voltage 1a or 1b contact
Contact capacity (alarm, failure)	AC125V・0.6A (resistance load) or DC110V・0.6A (resistance load) or DC30V・2A (resistance load)
Failure display	Flashing red LED and intermittent buzzer sound
Failure contact output	—
Analogue output	DC4~20mA
Power source	AC100V±10% 50/60HZ 1φ
Power consumption	Approx. 3.5VA (excluding gas detector)
Operating temperature	−10~40°C
Installation	Wall-mount type (flush-mount type is optional)
Sampling point	Single point
Dimensions	120 (W)×205 (H)×69 (D) mm
Weight	Approx. 0.9Kg
Option	Power supply:AC200/220V DC24V failure contact output 2 step alarm

※ %LEL=Concentration of Combustible gases (%)÷ Lower Explosive Limit%×100 refer to page 4

Combustible gas

FMA-7UR

Point

- A stable zero point requires no zero adjustment for a long time.
- Easy switch operation for gas calibration and alarm setting.
- Suction type with a built-in sampling pump (approx. 0.7L/min)
- Detects combustible gases in inert gas.



Gas Detectors (flame proof type)

Combustible gas

URA-700



Point

- A stable zero point requires no zero adjustment for long time.
- Easy switch operation for gas calibration.
- Good selectivity of the target gas by NDIR detection.
- Suction type with a built-in sampling pump (approx. 0.5L/min)
- Detects combustible gases in inert gas.

URA-800



Point

- A stable zero point requires no zero adjustment for a long time.
- Easy magnet switch operation for gas calibration.
- Good selectivity of the target gas by NDIR detection.
- Suction type with a built-in sampling pump (approx. 2L/min)
- Detects combustible gases in inert gas.

Specification

Model	FMA-7UR	URA-700	URA-800
Measuring gas	Hydrocarbons in the air or inert gas		
Detection method	Non-Dispersive Infrared Ray (fluid modulation)		
Sampling method	Suction type with a built-in sampling pump		
Measuring range	0~100%LEL (※)	0~50,000ppm or 0~5,000ppm (as Methane)	
Indication accuracy	Within ±5% of full-scale		
Display method	LCD		
Alarm setting value	Upper limit, 2-step alarm (standard 1-step alarm)	—	—
Alarm display	Display AL1 or AL2 , alarm lamp blinking, intermittent buzzer sound	—	—
Alarm contact output	AL1:non-voltage 1a or 1b AL2:none	—	—
Contact capacity (alarm, failure)	AC125V, 0.5A or DC30V, 2A	—	—
Failure display	FLOW or FAIL	—	—
Failure contact output	Non-voltage 1a or 1b	—	—
Sampling amount	0.7L/min	0.5L/min	2L/min
Response time	In case of 62.5% indication:witin 30 seconds (the piping must be within φ6/φ4 5m)		In case of 62.5% indication:witin 30 seconds (the piping must be within φ6/φ4 15m)
Analogue output	Gas concentration signal:DC4~20mA/full-scale liner output trouble signal:1mA power loss:0mA		
Power source	AC 100V-15~-+10% 50/60HZ 1φ		
Power consumption	25VA		40VA
Operating temperature	-10~40℃		
Explosion-proof	—	ExdIIBT4X (No. TC13417)	ExdIIBT4X (No. TC17630)
Combination	UA-480, KA-704R/U, KA-708R/U, KU-7R/U		
Dimensions	256 (W)×350 (H)×155 (D) mm	280 (W)×480 (H)×160 (D) mm	300 (W)×480 (H)×200 (D) mm
Weight	Approx. 10Kg	Approx. 20Kg	Approx. 30Kg

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес: kwg@nt-rt.ru | <http://kitagawa.nt-rt.ru>