

ALTAIR[®] 4XR

Multigas Detector

휴대용 복합가스 측정기



Real-time. Rugged. Reliable.
실시간 견고함 신뢰성

Because every life has a purpose...
모든 삶에는 이유가 있기에...

SAFETY AT THE *SPEED OF NOW*

빠른 속도가 선사하는 보다 진보된 안전



BE SAFER

With rapid-response sensors.
빠른 측정속도로 더 안전합니다.

- LEL 폭발 하한계
- O₂
- H₂S
- CO
- SO₂
- NO₂



2X FASTER

THAN INDUSTRY AVERAGE

업계 표준 보다 2배 이상 빠른 측정속도

POWERED BY
XCell
SENSORS
MSA 는 직접 센서를 만듭니다.

WORK SMARTER

With the ALTAIR Connect app.
스마트폰 앱으로 스마트하게 사용하세요.

- Update detector settings
가스측정기 설정 업데이트
- Email calibration details
이메일로 영점교정 상세내역 수신
- Create notification groups
알림 대상그룹 설정
- Get compliance reminders
규정준수 필요사항 자동알림



ALTAIR® Connect



STAY CONNECTED

With alerts from the field.
작업장의 경고를 실시간으로 수신하세요

- Live gas readings
실시간 가스농도 수신
- InstantAlert™ distress calls
실시간 근로자 발송 위험신호 수신
- MotionAlert™ man-down alarms
실시간 의식불명 근로자 위험신호 수신
- Non-compliance warnings
실시간 규정농도 초과 알림

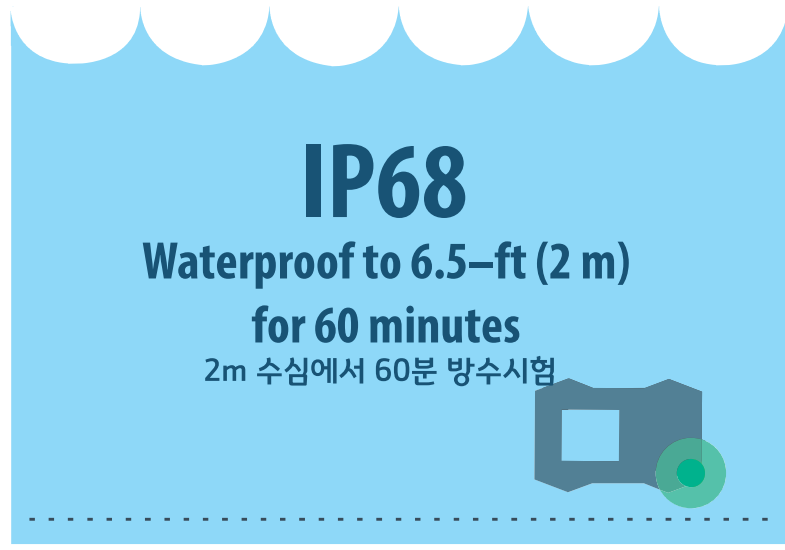




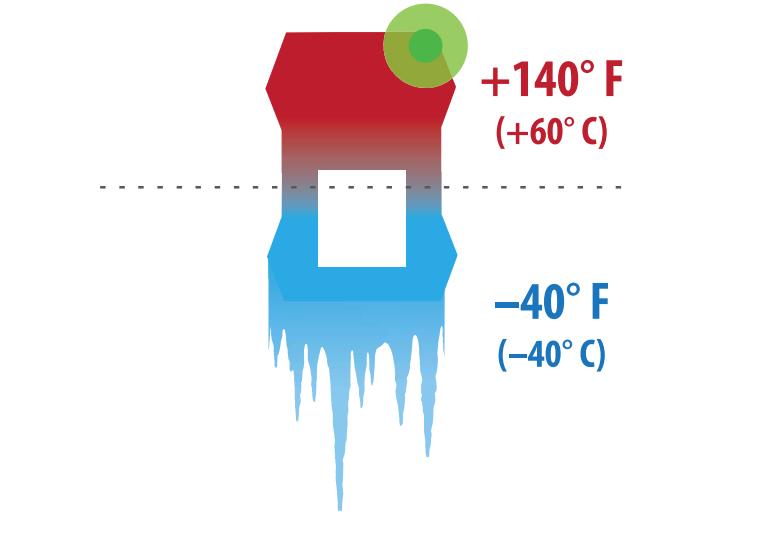
25 drops
from 4-ft (1.2 m)
1.2m 높이에서 25회 충격시험



25-ft (7.5 m)
drop onto concrete
7.5m 에서 콘크리트 바닥 낙하시험



IP68
Waterproof to 6.5-ft (2 m)
for 60 minutes
2m 수심에서 60분 방수시험

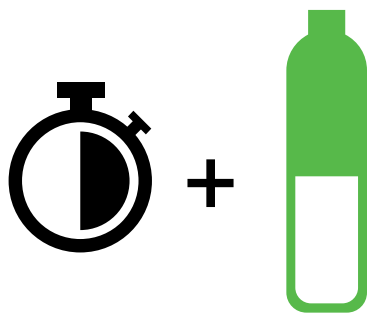


+140° F
(+60° C)

-40° F
(-40° C)

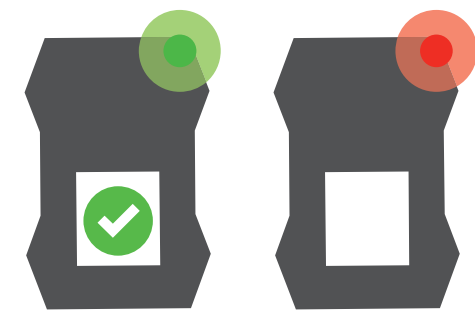
BUILT TO WORK WHEREVER YOU WORK
어떤 환경에서도 안정된 성능

FAST, EFFICIENT MAINTENANCE
빠르고 효율적인 관리



1/2 Time 1/2 Test Gas
획기적인 영점교정 및 범프테스트
소요 교정가스 및 시간절약

COMPLIANCE AT A GLANCE
신속한 규정 준수여부 확인



Bumped Not Bumped
범프테스트 실시 후 체크마크 및
녹색LED 로 관리자가 쉽게 확인

GUARANTEED PERFORMANCE
보증된 성능



Instrument & Sensor Warranty
기기 및 센서 업계최장 4년 보증

Specifications & Order Information 사양 및 주문정보

Specification	Description		
GAS TYPES	Gas	Range	Resolution
	LEL	0–100 %	1 %
	O ₂	0–30 %	0.1 %
	CO	0–1999 ppm	1 ppm
	H ₂ S	0–200 ppm	1 ppm
	H ₂ S-LC	0–100 ppm	0.1 ppm
	SO ₂	0–20 ppm	0.1 ppm
	NO ₂	0–50 ppm	0.1 ppm
WARRANTY	4 years (+ optional 1-year extension)		
DURABILITY	25-foot (7.5 m) drop protection MIL-STD-810G drop protection Certified IP68 rating		
TEMPERATURE RANGE	–40 °F to +140 °F –40 °C to +60 °C		
RELATIVE HUMIDITY	5 % – 95 % intermittent 15 % – 90 % non-condensing		
POWER	Rechargeable Li-polymer battery 24-hour run-time < 4 hour charge time		
PHYSICAL	4.4" x 3.0" x 1.4" 11 cm x 7.6 cm x 3.5 cm 8 oz (228 g)		
DATALOGGING	> 50 hours (adjustable) > 500 event logs		

ALTAIR 4XR Gas Detector Part Numbers			
Configuration	Case Color	North America	ATEX
LEL, O ₂ , CO, H ₂ S	Charcoal	10178557	10178573
LEL, O ₂ , CO, H ₂ S	Phosphorescent	10178558	10178569

MSA GALAXY GX2 Automated 4XR Test Stands for 1 Gas Cylinder				
Integrated 4XR Charger	North America	Europe	UK	Australia
Yes	10128630	10128639	10128659	10128669
No	10128642	10128651	10128661	10128671

Calibration Gas	
1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S	
34-liter cylinder	10128160
58-liter gas cylinder	10053022

XCell Sensor Replacement Kits	
EX Combustible	10106722
O ₂	10106729
CO/H ₂ S	10106725
CO/H ₂ S-LC	10121213
CO-H ₂ /H ₂ S	10121214
SO ₂ /H ₂ S-LC	10121215
CO/NO ₂	10121217

ALTAIR Pump Probe with charger	
For USA/Canada	10152669
For ATEX/IEC	10052668

Additional ALTAIR 4XR versions, calibration gas cylinders, sensors and accessories are available.

Certifications		
North America USA Class I, Division 1, Groups A, B, C & D Class II, Division 1, Groups E, F & G Class III, Division 1 Ambient temperature: –40°C to +60°C; T4 Canada CSA CAN/CSA C22.2 No. 152 Combustible Gas Detection Instruments C22.2 No. 152 Performance Ambient Temperature: –20°C to +54°C; T4 C22.2 No. 157 Intrinsic Safety Ambient Temperature: –40°C to +54°C; T4	Europe Directive 2014/34/EU (ATEX): II 1G Ex ia da IIC T4 Ga, –40°C to +60°C, IP68 CE 0080 Directive 2014/30/EU (EMC): EN50270 Type 2, EN61000-6-3	IEC IECEx Ex ia da IIC T4 Ga, –40°C to +60°C, IP68 KCs Ex ia II C T4 Ga

Your direct contact

MSA 휴대용 가스측정기 공식대리점

Five Technologies (파이브테크놀로지스)
 경기도 화성시 메타폴리스로 47-7
 서해더블루 SPECS 218호
 담당자 손오택, 5Tech@5Tech.co.kr
 Tel) 070-4786-0861
 Fax) 050-7536-2484
 http://www.5Tech.co.kr

Great Britain
 Hopton Park, Devizes
 Wiltshire, SN10 2JP
 United Kingdom
 Phone +44 (0)800 066 2222
 info.gb@MSAsafety.com

For contact details of your local MSA affiliate, please visit our website.