

MSA PORTABLES

Read MSA Book – “Gas Detection Handbook” for sensor technologies overview

Create an account on MSA U Training Center:

<http://msau.msasafety.com/login/index.php>

Take the training courses on MSA U for “Portable Gas Detection”. Specifically the following Courses:

E-learning Module	Completed
Altair 2X – General Product Use	
Altair 2X – Product maintenance	
Altair 4XR – Care & Use	
Altair 4XR – Multigas Detector w/X Cell Sensor Technology F&B	
Altair 4XR – Simulator	
Altair 5X – Care & Use	
Altair 5X – F & B	
Altair 5X – Simulator	
Altair Pro – F & B	
GX2 – Automated Test System Care & Use	
MSA Link Pro Software Series	

Also, under “Supplied Air Respirators” – Self Contained Breathing Apparatus:

Take the following course:

AirHawk II Air Mask – Care & Use

When courses are completed – Print out the course certificate.

In order to receive credit for passing a course and to view/print the certificate, you must click "get certificate" after clicking on the certificate link within the course.

View the following videos:

Videos	Completed
https://www.youtube.com/watch?v=ywC3AEXzaSY Altair 5X Intro Video	
https://www.youtube.com/watch?v=doJeln4RRaI Altair 4XR/X Cell Technology Video	
https://www.youtube.com/watch?v=8CUECSIfbp8 Altair 4XR Care & Use Video	
https://www.youtube.com/watch?v=RqUnYut3nLo Altair 2X Detector Video	
https://www.youtube.com/watch?v=ALXBP82qVM Altair Pro Intro Video	
https://www.youtube.com/watch?v=Px1SfYLT7Uk Galaxy Intro Video	

Use the GES Demo equipment for hands on experience.

Altair 5X Demo

Altair 4XR Demo

GX2 Demo

Be able to calibrate monitors via GX2 and demonstrate manual calibration of the instruments.

Quiz

1. What are the standard warranties on the X Cell Sensors?
2. What are the advantages of using the GX2 Auto Cal Station to calibrate an instrument vs a manual calibration?
3. How many sensors can an Altair 5X be equipped with?
4. True or False. The Altair 4XR can be configured to monitor CL2?
5. True or False. You are always required to use MSA Cal gas to calibrate a MSA instrument?
6. Briefly explain how X Cell Technology can benefit the customer with a lower cost of ownership
7. Your customer recently purchased an Altair 4XR monitor. He really would like a sample draw monitor now and wants to return the unit. How would you handle the situation?
8. How often should a "bump test" be performed on a confined space monitor?
9. Industrial Scientific quotes a 3 year lease program for their devices. How do you sell the MSA portables against a lower cost lease program for Industrial Scientific?
10. How many 4 ft drops is the Altair 4XR Monitor rated for?
11. How long will a full battery charge last on the Altair 5X Monitor – assuming no alarms?

12. On the GX2 – How many cradles can be linked together to form one station?
13. IS the Altair 5X monitor available with FID capabilities?
14. How does the GX2 Auto Cal Station know if your cal gas is current?
15. Is the man down capability available on both the Altair 4XR and Altair 5X Monitors?