



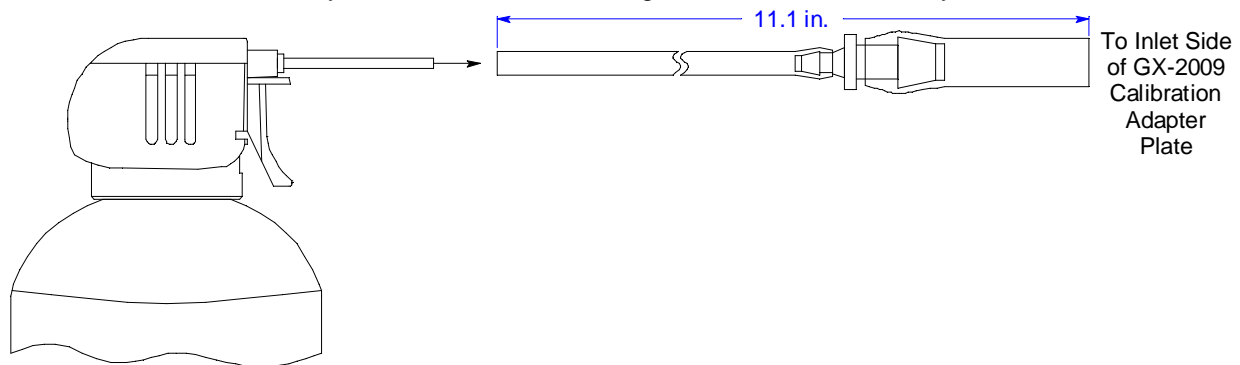
Quick Check Cylinder Supplement for GX-2009/GX-2012

Part Number: 71-0283RK, Revision: P1, Released: 7/25/13

GX-2009 Instructions

RKI Instruments, Inc. recommends that the GX-2009 Portable Gas Monitor be checked for alarm operation and sensor response with known concentrations of each target gas before each use. Because the catalytic sensor used to detect flammable gases and vapors can be desensitized by catalyst poisons in a manner that may not be detected by other methods, RKI Instruments, Inc. recommends that you perform the following procedure in Measuring Mode before each use. Be sure to perform this procedure in a well-ventilated area.

1. Turn on the GX-2009 in Measuring Mode as described in the Start Up section of the GX-2009 Operator's Manual.
2. Take the GX-2009 to a fresh air area and perform a fresh air adjustment as described in the Start Up section of the GX-2009 Operator's Manual.
3. Attach the calibration adapter plate to the GX-2009. See the Calibration Mode section of the GX-2009 Operator's Manual for instructions to attach the adapter plate.
4. Remove the blue tab from the top of the Quick Check cylinder if it is the cylinder's first use.
5. A red straw is provided with the Quick Check cylinder. Push the red straw into the Quick Check cylinder until it clicks into place.
6. Attach the short end of the tube assembly to the calibration adapter plate and slide the long end of the tube assembly over the red straw coming from the Quick Check cylinder.



7. Hold the trigger of the Quick Check cylinder down for 1 second and release it.
8. Observe the gas readings at the GX-2009.
9. Determine if the results are acceptable. An acceptable result is that all 4 gases respond enough to go into alarm.
10. If an acceptable result is not obtained, calibrate the GX-2009 using a calibration gas cylinder.
11. Detach the tube assembly from the Quick Check cylinder and from the calibration adapter plate.

For additional information, refer to the GX-2009 Operator's Manual.



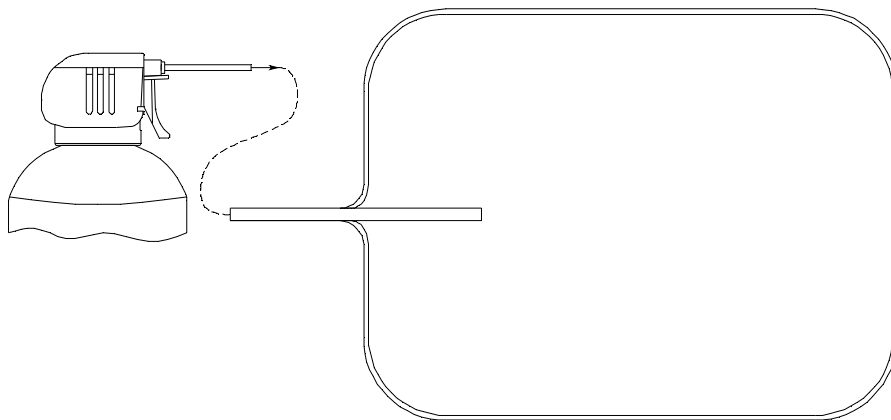
Quick Check Cylinder Supplement for GX-2009/GX-2012

Part Number: 71-0283RK, Revision: P1, Released: 7/25/13

GX-2012 Instructions

RKI Instruments, Inc. recommends that the GX-2012 Portable Gas Monitor be checked for alarm operation and sensor response with known concentrations of each target gas before each use. Because the catalytic sensor used to detect flammable gases and vapors can be desensitized by catalyst poisons in a manner that may not be detected by other methods, RKI Instruments, Inc. recommends that you perform the following procedure in Measuring Mode before each use. Be sure to perform this procedure in a well-ventilated area.

1. Turn on the GX-2012 in Normal Mode as described in the Start Up section of the GX-2012 Operator's Manual.
2. Take the GX-2012 to a fresh air area and perform a fresh air adjustment as described in the Start Up section of the GX-2012 Operator's Manual.
3. Remove the blue tab from the top of the Quick Check cylinder if it is the cylinder's first use.
4. A red straw is provided with the Quick Check cylinder. Push the red straw into the Quick Check cylinder until it clicks into place.
5. Attach the tube on the provided gas bag to the inlet of the GX-2012 to draw out any excess air or gas. The GX-2012 will go into a low flow alarm.
6. Remove the gas bag from the GX-2012 inlet.
7. Press and release the RESET SILENCE button to reset the low flow alarm.
8. Insert the red straw coming from the Quick Check cylinder all the way into the gas bag tube.



9. Hold the trigger of the Quick Check cylinder down for 1-2 seconds and release it. The gas bag should have enough gas to allow the GX-2012 to draw from it for at least 10 seconds before it goes into low flow. Holding the trigger of a new cylinder for 1 second will be enough but as the cylinder is used, holding the trigger for 2 seconds may be necessary.
10. Remove the gas bag tube from the red straw and quickly attach it to the GX-2012's inlet fitting.
11. Observe the gas readings at the GX-2012.
12. Determine if the results are acceptable. An acceptable result is that all 4 gases respond enough to go into alarm.
13. If an acceptable result is not obtained, calibrate the GX-2012 using a calibration gas cylinder.
14. Allow the GX-2012 to draw from the gas bag until the gas bag is empty. The GX-2012 will go into a low flow alarm.
15. Remove the gas bag from the inlet of the GX-2012. Press and release the RESET SILENCE button to reset the low flow alarm.

For additional information, refer to the GX-2012 Operator's Manual.

RKI Instruments, Inc. • 33248 Central Ave. Union City, CA • Phone (510) 441-5656 • (800) 754-5165 • Fax (510) 441-5655

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