

Did YOU KNOW

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Question: Did you know that a protocol station can extend the life of a regulator?

Answer:

PROTOCOL STATIONS ARE SOMETIMES REFERRED TO AS SINGLE STATION MANIFOLDS OR REGULATOR MOUNTING STATIONS. IDEALLY, IT IS A REGULATOR MOUNTED TO A FIXED BRACKET WITH AN ATTACHED PIGTAIL.

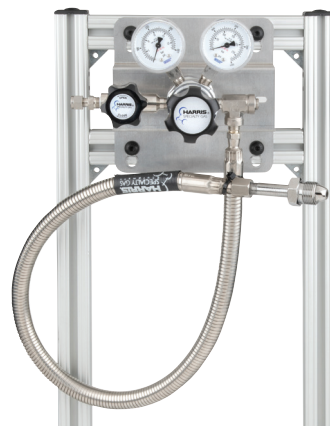
Mounting the regulator to a solid surface is a simple way to prevent regulators from being damaged during cylinder change-out. In typical cylinder change-out, the operator removes the regulator from the cylinder places the regulator to the side when bringing in a new cylinder so as not to damage the outlet piping to the instrument. When the new cylinder is in place, the regulator must be reattached to the cylinder. Following the installation, the operator needs to reset the delivery pressure and/or flow and purge any impurities from the gas stream.

Protocol stations eliminate the handling of the regulator allowing the process to continue without any interruption. In addition, check valves, which are located prior to the pigtail on the inlet side, prevents atmospheric gas contamination and may negate the need to purge high purity gases. In the case of caustic or corrosive, any moisture entering the regulator may cause severe corrosion or failure of the regulator.

Lastly protocol stations are a method of increasing safety and efficiency in the workplace. Safety is improved as the operator does not have to remove the regulator from the cylinder exposing them to a high pressure gas source and efficiency is improved with a quicker cylinder change-out time.



Harris offers several different options in mounting a regulator such as a mounting bracket with a cross fitting, 36" flexible pigtail, and with the appropriate CGA for the cylinder connection.



Another option is the Harris EZ Mount system which includes the regulator mounted onto an aluminum an aluminum bracket with a 36" pigtail and appropriate CGA.

*** OTHER PIGTAIL LENGTHS ARE AVAILABLE. STATIONS ARE AVAILABLE IN BRASS OR STAINLESS STEEL OPTIONS, WITH 1 OR 2 PIGTAILS.**



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