

SIEMENS

Ingenuity for life



Analytical Products and Solutions

Why repair when you can renew?

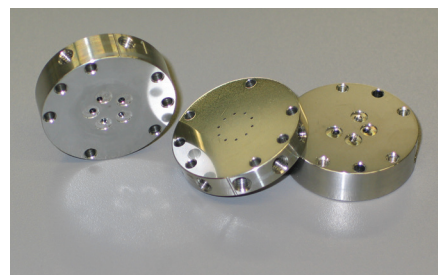
Valve Renewal Program

usa.siemens.com/analyticalproducts

Parts and procedures that no one can match

Siemens services Model 11, 20 and 50 series valves with replacement parts and comprehensive procedures that are unmatched. We will refurbish your valves to meet our highest factory specifications by only using factory-direct parts, many of which are only available to Siemens and not sold outside of this renewal program.

During refurbishment, we will replace the cap and manifold leads on Model 11 and 20 series valves, and the center plate on Model 50 series valves. This results in rebuilt valves that, in a side-by-side comparison with new valves, look and perform with no discernible difference.



As part of refurbishing Model 50 series valves, middle wafers are replaced, and top and bottom wafers are cleaned.



A track record of success

With more than 50 years of experience in manufacturing gas chromatographs, Siemens has:

- Built over 29,000 Model 11, 20, and 50 series valves
- Refurbished more than 7,000 valves

Our repair facility is ISO 9001 certified. This ensures all procedures are preformed in compliance with the strictest quality standards. Our goal is to help you replace worn or damaged valves so that your equipment continues to achieve the high levels of performance demanded by industry today.

Experts at work

Siemens renewal of Model 11, 20, and 50 series valves adheres to the same high-quality standards and procedures used to manufacture the original product. During the renewal, the following key steps are taken:

- External visual inspection and repair feasibility evaluation
- Disassembly and visual inspection of all internal parts for signs of wear or failure

- Model 11 and 20 series valves
 - replacement of valve caps, actuator manifolds, cushions, and seal discs
 - replacement and lubrication of all new O-rings
- Model 50 series valves
 - replacement of center plates and diaphragms
- Inspection of all plungers for operability and wear, with replacement as needed
- Testing of all valves for leaks and proper operation

Renewed. Tested. Perfected.

After each valve is refurbished, it is functionally cycled and tested to ensure it will perform like new. We will verify your refurbished valves using the same testing equipment and diagnostic software that we use to examine new valves. As part of testing, external loop valves undergo a six-stage process, and internal loop valves undergo a four-stage process. All of this is done for one reason, so that you receive a valve that is as good as new. This ensures that you will continue to enjoy the unmatched performance Siemens is known for worldwide.

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