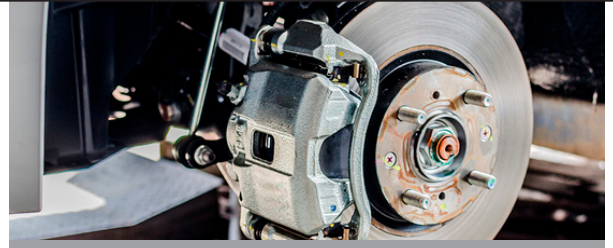


# Brake line testing

## RESULTS

- Fulfilled customer's desire for plug-and-play capability
- Provided easy commissioning and maintenance
- Allowed easy I/O expansion



## APPLICATION

Brake line air testing machine.

## CHALLENGE

A large automotive supplier builds brake lines for multiple industries. The company wanted to incorporate additional automation in their air-testing machines. These machines are used in the quality-control process for brake line production.

## SOLUTION

The supplier chose Numatics for its air-testing machine automation package. These products included the compact, next-generation [G3 10-station valve manifolds with Ethernet IP](#). The customer liked the G3 platform's modularity and plug-and-play design that allow easy access to connections plus user-friendly commissioning and maintenance. These benefits were particularly important, since the customer planned to add more I/O in the future. The supplier also purchased [Numatics Series R heavy-duty rotary actuators](#).

The [G3 manifolds](#) and [Series R rotary actuators](#) were installed on 12 air-testing machines and have fully met the customer's automation requirements. Additional Numatics products will be specified as the automotive supplier upgrades additional production lines.

*While providing the desired automation, Emerson solutions offer user-friendly commissioning and maintenance. The modular design with plug-and-play capabilities also ensures scalability for future growth.*

Emerson Automation Solutions  
160 Park Avenue  
Florham Park, NJ 07932 USA  
+1 800-927-2726  
[ASCO.Info-Valve@Emerson.com](mailto:ASCO.Info-Valve@Emerson.com)

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