



Marshall Gas Controls

The need

Marshall Gas Controls in San Marcos, Texas, a division of the S.H. Leggitt Co., is a high-volume manufacturer of high-pressure and adjustable liquid propane gas regulators, hose assemblies and pigtails.

For years, the company built its own leak testers. Although the testers performed well, Marshall Controls felt it could improve turnaround times—which is why it turned to Uson.

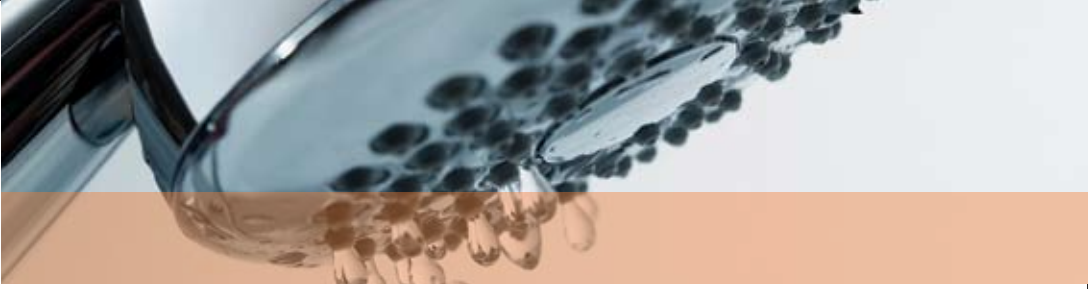
“We used to build all of our test equipment from scratch, and although doing this worked for us, we needed to shorten our project timeframe,” said Brian Yutzy, design engineer at Marshall Controls. “We went looking for an alternative solution.

The Uson solution

Uson developed a leak testing system for Marshall Gas Controls custom-built to fit the company’s needs.

“They built in the necessary I/O cards, tools and transducers,” said Yutzy.

Uson’s leak tester runs on a Windows platform, which means a more intuitive operation. It also includes touch screen input, large graphical displays, selectable engineering units, built-in diagnostics and remote troubleshooting.



“With the old testers, I was the only one who could support them, so if anything went down, I’d have to jump on a plane—occasionally even to China—to reload the software,” Yutzy said. “But since our new testers are a standardized piece of equipment, the staff at our remote plants can program them by themselves.”

Results

Marshall Gas Controls says switching from its older, manual testers used in Mexico to Uson has definitely resulted in faster testing time.

“I can honestly say that our new automated testers have cut the test time in half, if not a little more,” said Yutzy.

Uson has developed a range of testers designed for a wide variety of industrial manufacturing test applications.

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