

DAAS/DACS

Data Acquisition & Analysis Systems



Calder Testers
www.caldertesters.com

The History of Data Acquisition & Analysis Systems (DAAS) at Calder Testers

In the past, digital indicators were the only way to electronically track the test being performed on a safety release valve. The digital indicator showed only two readings: the test pressure at which the valve stabilized and the highest pressure achieved during the test.

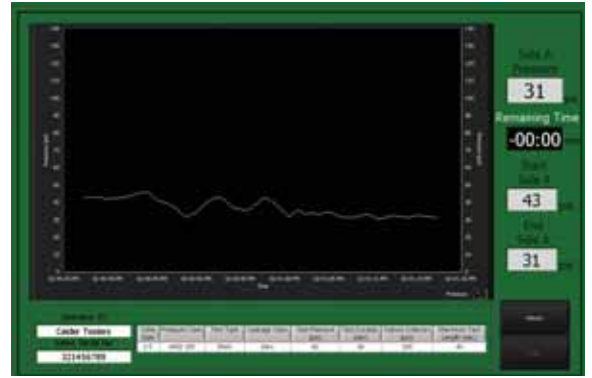
Our Data Acquisitions & Analysis System takes digital readings from transducers 250 times per second. These digital readings are displayed in real time on the computer monitor (see image) and shows exactly what occurred to the test valve. We also incorporated a linear transducer that measures the lift of the valve system in synchronization with the release of the pressure so that lift could be measured.

This technical information revolutionized the valve testing industry.

State-of-the-Art Computer Aided Automation

Today, Calder Testers continues to lead the way in high pressure testing technology by developing computer systems that address the regulations imposed on the industry to meet increasingly stringent standards. CTI's patented DAAS uses the latest in computer technology to bring to the market place a dynamic new alternative to traditional valve testing techniques. New applications have been developed for test equipment and systems around the world.

The DAAS was originally designed for monitoring and computing the test of a safety release valve on our Model 900 SSRV Testing System. The DAAS has been developed into a complete monitoring system for a variety of valves and test requirements. Our systems use major brand PC's (available nationwide) and utilize off-the-shelf components whenever possible. You, the customer, decide the level of sophistication that is needed to meet your specific requirements.



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