



Time for a new calibration bench?



**We can help!**





### Features

The system is comprised of fully-independent function-specific sub-panels, mounted in a self-contained detachable, stackable console. This means your system can change as your requirements change. Fully interchangeable sub-panels means your test bench is never obsolete. Modular design simplifies periodic calibration. Clean behind-the-panel construction ensures that your system is ready to plug and play.

The system features high versatility in a compact space. The bench depicted in this photo will perform the following tests:

- Pressure loop testing (using Crystal N-Vision pressure reference recorder) from vacuum to 3000 PSI for both mA output and voltage output transmitters. System performs both static and dynamic calibration with high speed data logging capability. Panels are available to contain from 1 to 6 N-Vision base units, and consoles can be fabricated to accommodate special requirements. N-Vision modules are available for pressure calibration from vacuum through 15,000 PSI. With Crystal's optional barometric reference, the system will perform both gauge and absolute measurements without changing modules. By selecting the necessary pressure modules, the system is also capable of performing wet-wet differential pressure calibration at elevated operating static pressures. Finger tight pressure connections to 10,000 PSI are facilitated using Crystal's CPF pressure connection tool kit.
- Dynamic testing of relief valves and pressure switches. Data is easily saved to a Microsoft Excel file. Automated calibration with report generation can be accomplished using Crystal's FastCal software
- Dynamic temperature testing and fully recordable temperature switch and transmitter testing (with optional RTD module).
- The integral Martel MC-1210 multifunction calibrator allows you to source and read mA, frequency, thermocouples, ohms and RTD's using the panel mounted Martel MC1210PM multifunction calibrator module.



**Benches are available in a wide variety of sizes and configurations. Call us today and have us design a system for you!**