

MODEL K9905D

ULTRA HIGH PRESSURE CALIBRATION WORKSTATION MODEL K9905D



The Model K9905D Pressure Calibration Workstation performs ultra high pressure calibrations on a wide range of dynamic pressure sensors. The Model K9905D is a turnkey system that includes the calibration fixture, data acquisition hardware, Windows PC, and software to automate test set-up, data acquisition, data archiving and report generation. The K9905D provides ultra high pressure calibration up to 80,000 psi (550 MPa) to the sensor under test.

BENEFITS:

- Assures accurate, traceable calibrations
- Turnkey system includes all necessary components
- Windows PC supplies familiar, intuitive user interface
- Set-up tests, acquire data, save results and print reports quickly with precision and automation
- Define pass/fail criteria for each test and automatically recall them from the internal database
- Prints customizable ISO-compliant certificates
- Automates calibration procedures
- Automatically checks excitation levels against acceptance criteria

800-860-4867
info@modalshop.com

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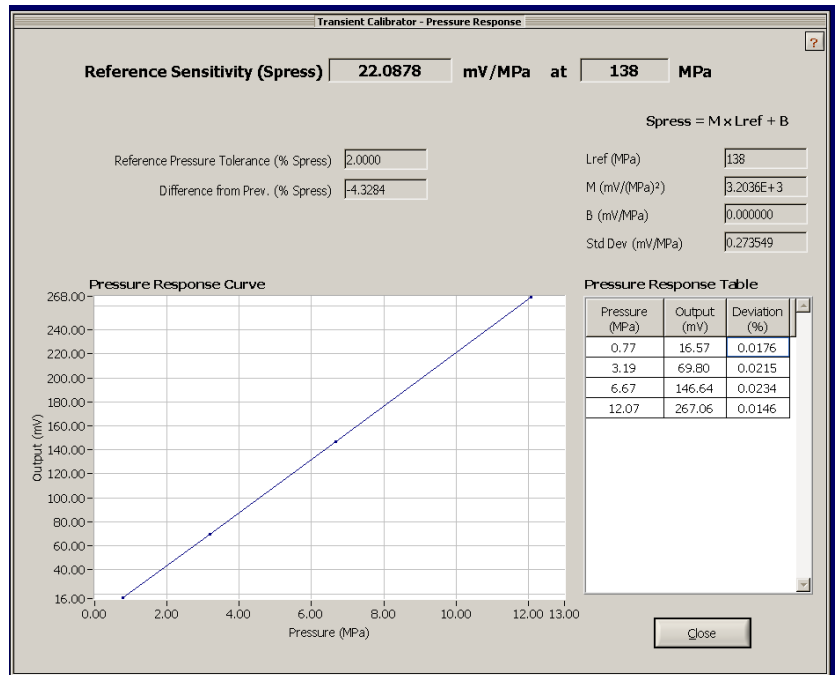
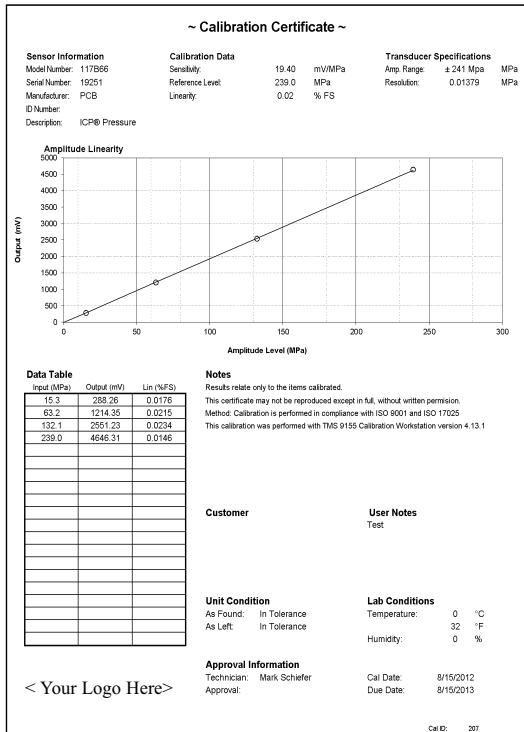


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The Model K9905D is based on two product lines with a rich heritage of calibration experience. The pressure actuators and measurement equipment have been in use for decades at PCB Piezotronics, while the data acquisition and automation software is based on The Modal Shop, Inc.'s 9155 Series of vibration sensor calibration workstations. The K9905D merges these two product lines to form a standalone pressure calibration system with mature measurement capability. In addition, the K9905C01 is offered as a retrofit package to existing customer-owned PCB 905C calibration systems. The 9155D-905 adds pressure calibration capability to existing 9155D Accelerometer Calibration Workstations.

K9905D SPECIFICATIONS

Calibration Pressure Range	psi (MPa)	10,000 to 80,000 (69 to 550)
Measurement Step Increments	psi (MPa)	5000 (34)
Reference Standard Gauge	% FS	≤ 0.10
Maximum Pump Pressure	psi (MPa)	80,000 (550)



K9905D automatically generates customizable calibration certificates for printing and archiving

K9905D calibrates at pre-determined levels and calculates linearity over the testing range

The Modal Shop, Inc. 3149 E Kemper Road, Cincinnati, OH 45241, USA
 Toll free 800-860-4867 / Phone +1 513-351-9919 / Fax +1 513-458-2172
 E-mail info@modalshop.com Website www.modalshop.com

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