

The Modal Shop, A PCB Group Co. Calibration Workstation Pressure Options





Selection

Range			Turnkey	Upgrade of Existing	Ungrado of
psi	MPa	bar	Calibration Workstation	PCB Product to Turnkey System	Upgrade of 9155D
150	1	10.3	K9903C	K9903C01	9155D-903
1,000	6.8	68.9	K9907C	K9907C01	9155D-907
15,000	103	1034	K9913C	K9913C01	9155D-913
100,000	689	6895	K9905C	K9905C01	9155D-905





K9903C

- Max Pressure = 10 bar
- 'Step' Input
- Pneumatic Media
- 3 to 5 ms rise time
- ±1.5% Typical Measurement Uncertainty







K9907C

- Max Pressure = 69bar
- 'Step' Input
- Helium Gas
- 30 to 50 µsec rise time
- ±1.5% Typical Measurement Uncertainty

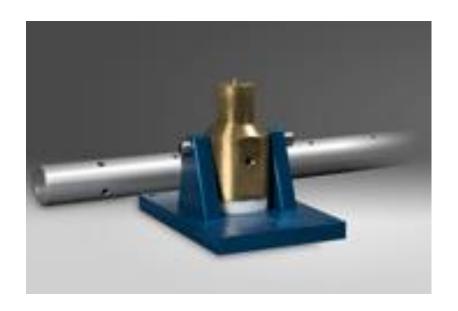






K9913C

- Max Pressure =1034 bar
- Impulse (Hammer)Input
- Silicon Oil Media
- Dropped Masses
- ±4.1% Typical Measurement Uncertainty







K9905C

Max Pressure =6905 bar

'Brass' Calibration

- Quasi-Static Input
- Ballistics
- 117B Series
 Conformal Sensors
 Only
- ±2.0% Typical Measurement Uncertainty







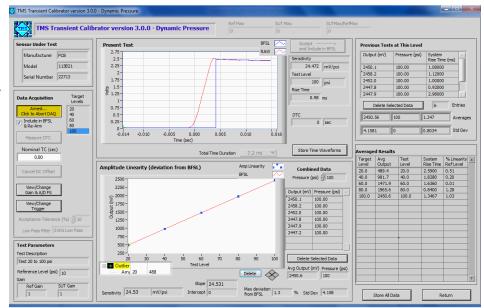
Pressure Calibration Software

Derived from field proven, mature

shock option

Interactive editing

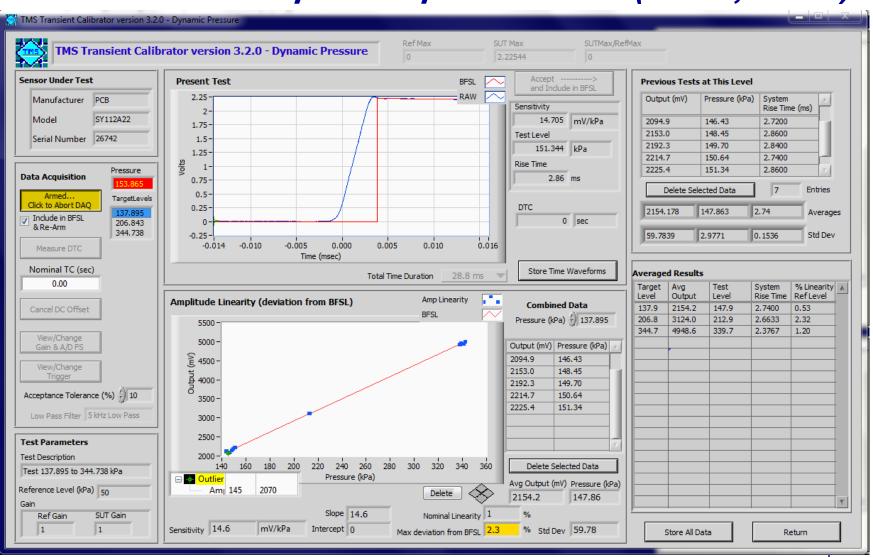
- Visual BFSL display
- Auto accept
- Level selection







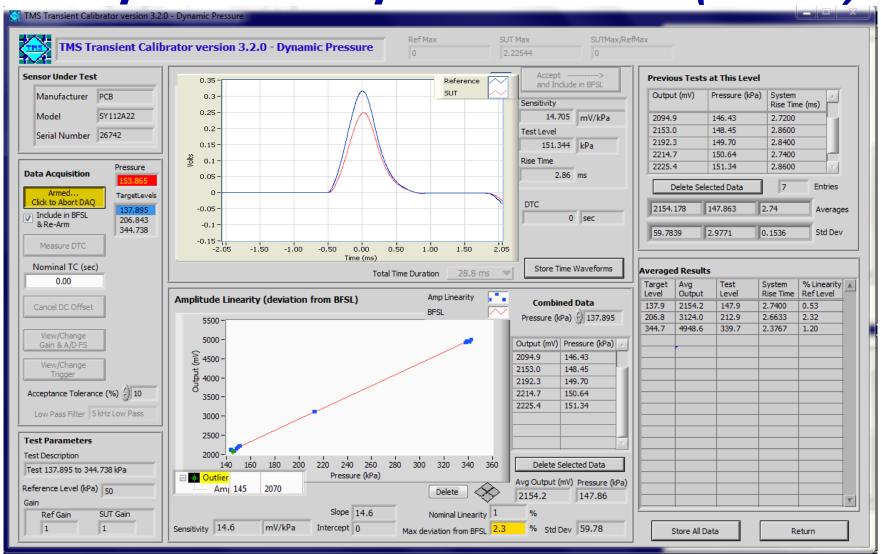
'Step' Data Acquisition Software (K9903C, K9907C)







Impulse Data Acquisition Software (K9913C)

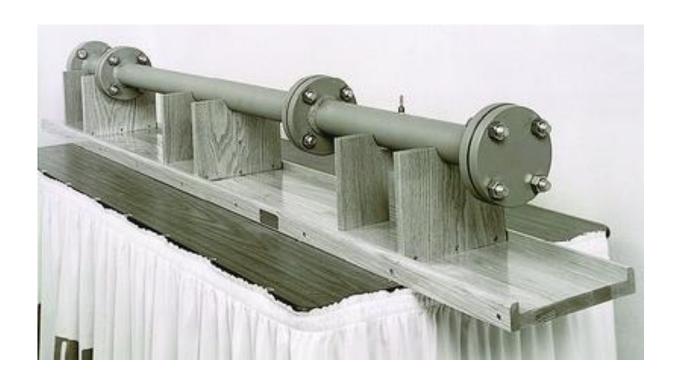






9901C Shock Tube

7' x 2" Instrumented Shock Tube







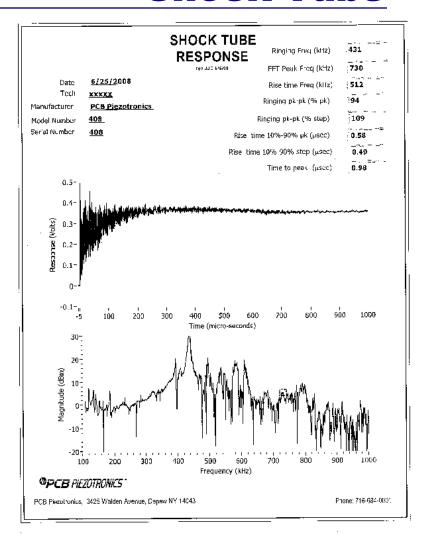
Shock Tube

Tube is used for resonant frequency determination

Tube can be used with variety of gasses Helium, Nitrogen, Air 84" tube, 12" driver, 2" diameter

Shock response spectrum processing is stand-alone application

DAQ triggered by single pressure trigger sensor







Selection and Options

Range		Turnkey	Upgrade of Existing	
MPa	bar	Calibration	PCB Product to	Upgrade of 9155D
	15 6.1	Workstation	Turnkey System	
1	10.3	K9903C	K9903C01	9155D-903
6.8	68.9	K9907C	K9907C01	9155D-907
103	1034	K9913C	K9913C01	9155D-913
689	6895	K9905C	K9905C01	9155D-905



