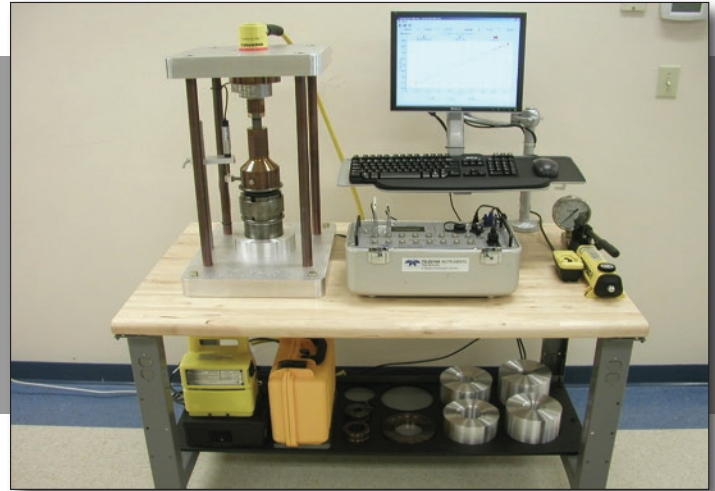


Spring Pack Calibration Stand (SPCS)



The Teledyne Test Services (TTS) Spring Pack Calibration Stand (SPCS), when connected to any Teledyne QUIKLOOK System, includes everything needed to calibrate Limitorque spring packs.

Hardware

- Mounting table with fixture storage shelf
- Fixturing for springpack sizes from 000 through 4
- Hydraulic hand pump/cylinder for loading springpack
- Optional electric pump

Software

Standard QUIKLOOK MOV software includes QLReportSpringpack which provides:

- Calibration certificate
- Plot of both calibration and generic data
- Sensitivity equation (1st, 2nd, or 3rd order curve fits)

CERTIFICATE OF CALIBRATION							
Test: 10054103		Spring Pack: 0901-211		Cal Date: 02/23/2010 15:39:07			
Valve ID: Spring Pack Cal		S. P. Serial #: _____		SMB Type: 2			
Work Order #: _____		Measured X-Dim: 0					
CALIBRATION STANDARD							
Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due			
Teledyne							
Setting	Nominal Displacement	Nominal Torque	Nominal Displacement	Average Torque	Measured Torque 1	Measured Torque 2	Measured Torque 3
1.00	0.046	188.0	0.020	136.87	141.26	134.73	134.62
1.25	0.080	244.4	0.060	216.12	218.20	214.48	215.68
1.50	0.115	300.8	0.100	293.57	296.98	293.88	289.85
1.75	0.149	357.3	0.140	367.71	365.89	366.91	370.33
2.00	0.183	413.7	0.180	442.97	441.58	445.95	441.38
2.25	0.218	470.1	0.220	508.04	512.18	506.83	505.12
2.50	0.252	526.5	0.260	570.61	571.16	571.08	569.58
2.75	0.286	582.9	0.300	628.26	629.76	625.53	629.50
3.00	0.321	639.3	0.340	686.49	689.78	684.83	684.86
3.25	0.355	695.8	0.380	741.45	741.45	741.87	741.02
3.50	0.389	752.2	0.420	788.86	787.58	788.89	790.12
3.75	0.424	808.6	0.460	837.55	838.07	836.74	837.85
4.00	0.458	865.0					

