

Hydraulic Pressure Calibrators Workload Matrix

FLUKE®

Calibration

Hydraulic Pressure Calibrators																		
Manual																		
Deadweight Testers																		
	P3111	P3112	P3113	P3114	P3115	P3116	P3123	P3124	P3125	P3830	P3840	P3860	P3211	P3213	P3214	P3223	P3224	
Fluid type																		
Oil																		
Water																		
Workload																		
Gauges/ sensors																		
Pressure Range																		
0 psi (0 kPa)																		
10 psi (100 kPa)																		
20 psi (140 kPa)																		
30 psi (200 kPa)																		
40 psi (275 kPa)																		
100 psi (0.7 MPa)																		
150 psi (1 MPa)																		
200 psi (1.4 MPa)																		
300 psi (2 MPa)																		
500 psi (3.5 MPa)																		
600 psi (4 MPa)																		
1000 psi (7 MPa)																		
2000 psi (14 MPa)																		
3000 psi (20 MPa)																		
5000 psi (35 MPa)																		
6000 psi (40 MPa)																		
10000 psi (70 MPa)																		
16000 psi (110 MPa)																		
20000 psi (140 MPa)																		
30000 psi (200 MPa)																		
40000 psi (260 MPa)																		
60000 psi (400 MPa)																		

- 0.015 % reading uncertainty
- 0.002 % full scale uncertainty
- 0.0015 % full scale uncertainty
- 0.0075 psi (0.05 kPa) uncertainty

Hydraulic Pressure Calibrators Workload Matrix (cont.)

FLUKE®

Calibration

	Hydraulic Pressure Calibrators									
	Semi Automated									
	EDWT									
	6531					6532				
	7M	14M	20M	40M	70M	140M	200M	70M	140M	200M
Fluid type										
Oil										
Water										
Workload										
Gauges/sensors*										
Gauge										
Absolute										
Pressure Range										
0 psi (0 kPa)										
10 psi (70 kPa)										
15 psi (100 kPa)										
20 psi (140 kPa)										
29 psi (200 kPa)										
40 psi (275 kPa)										
100 psi (0.7 MPa)										
150 psi (1 MPa)										
200 psi (1.4 MPa)										
300 psi (2 MPa)										
500 psi (3.5 MPa)										
600 psi (4 MPa)										
1000 psi (7 MPa)										
2000 psi (14 MPa)										
3000 psi (20 MPa)										
5000 psi (35 MPa)										
6000 psi (40 MPa)										
10000 psi (70 MPa)										
16000 psi (110 MPa)										
20000 psi (140 MPa)										
30000 psi (200 MPa)										

0.02 % reading uncertainty

0.002 % of span uncertainty

0.0002 % span uncertainty