

Pressurements deadweight tester's weight increments



P3000 Pneumatic Deadweight Tester

High performance gas deadweight testers, with unique suspended piston design for vacuum calibration.



P3100 Hydraulic Deadweight Tester

Highly accurate oil deadweight tester, with quick and easy-to-use single and dual piston deadweight models.



P3200 Hydraulic Deadweight Tester

Hydraulic deadweight tester specially designed to use water as a test medium.

Industrial Deadweight Tester's Weight Increments

Single piston oil units										
Model Range	P3111-1 1 to 35 bar		P3111-2 1 to 35 kgf/cm²		P3111-3 10 to 500 psi		P3111-4 100 to 3500 kPa		P3111-5 0.1 to 3.5 MPa	
Wt Carrier	1		1		10		100		0.1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1	4	0.1	4	1	4	10	4	0.01
	1	0.5	1	0.5	1	5	1	50	1	0.05
	4	1	4	1	4	10	4	100	4	0.1
	6	5	6	5	1	50	6	500	6	0.5
					4	100				
Optional Fractional Weights	1	0.01	1	0.01	1	0.1	1	1	1	0.001
	2	0.02	2	0.02	2	0.2	2	2	2	0.002
	1	0.05	1	0.05	1	0.5	1	5	1	0.005
Model Range	P3112-1 4 to 140 bar		P3112-2 4 to 140 kgf/cm²		P3112-3 40 to 2000 psi		P3112-4 400 to 14,000 kPa		P3112-5 0.4 to 14 MPa	
Wt Carrier	4		4		40		400		0.4	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	1	0.1	1	0.1	1	1	1	10	1	0.01
	1	0.2	1	0.2	1	2	1	20	1	0.02
	4	0.4	4	0.4	4	4	4	40	4	0.04
	1	2	1	2	1	20	1	200	1	0.2
	4	4	4	4	4	40	4	400	4	0.4
	6	20	6	20	1	200	6	2000	6	2
				4	400					
Model Range	P3113-1 10 to 350 bar		P3113-2 10 to 350 kgf/cm²		P3113-3 100 to 5000 psi		P3113-4 1000 to 35,000 kPa		P3113-5 1 to 35 MPa	
Wt Carrier	10		10		100		1000		1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	1	4	1	4	10	4	100	4	0.1
	1	5	1	5	1	50	1	500	1	0.5
	4	10	4	10	4	100	4	1000	4	1
	6	50	6	50	1	500	6	5000	6	5
				4	1000					
Optional Fractional Weights	1	0.1	1	0.1	1	1	1	10	1	0.01
	2	0.2	2	0.2	2	2	2	20	2	0.02
	1	0.5	1	0.5	1	5	1	50	1	0.05

Industrial Deadweight Tester's Weight Increments

Single piston oil units cont.										
Model Range	P3114-1 20 to 700 bar		P3114-2 20 to 700 kgf/cm²		P3114-3 200 to 10,000 psi		P3114-4 2000 to 70,000 kPa		P3114-5 2 to 70 MPa	
Wt Carrier	20		20		200		2000		2	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	2	4	2	4	20	4	200	4	0.2
	1	10	1	10	1	100	1	1000	1	1
	4	20	4	20	4	200	4	2000	4	2
	6	100	6	100	1	1000	6	10,000	6	10
					4	2000				
Optional Fractional Weights	1	0.2	1	0.2	1	2	1	20	1	0.02
	2	0.4	2	0.4	2	4	2	40	2	0.04
	1	1	1	1	1	10	1	100	1	0.1
Model Range	P3115-1 20 to 1100 bar		P3115-2 20 to 1100 kgf/cm²		P3115-3 200 to 16,000 psi		P3115-4 2000 to 110,000 kPa		P3115-5 2 to 110 MPa	
Wt Carrier	20		20		200		2000		2	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	2	4	2	4	20	4	200	4	0.2
	1	10	1	10	1	100	1	1000	1	1
	4	20	4	20	4	200	4	2000	4	2
	10	100	10	100	1	1000	10	10,000	10	10
					7	2000				
Optional Fractional Weights	1	0.2	1	0.2	1	2	1	20	1	0.02
	2	0.4	2	0.4	2	4	2	40	2	0.04
	1	1	1	1	1	10	1	100	1	0.1
Model Range	P3116-1 20 to 1400 bar		P3116-2 20 to 1400 kgf/cm²		P3116-3 200 to 20,000 psi		P3116-4 2000 to 140,000 kPa		P3116-5 2 to 140 MPa	
Wt Carrier	20		20		200		2000		2	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	2	4	2	4	20	4	200	4	0.2
	1	10	1	10	1	100	1	1000	1	1
	4	20	4	20	4	200	4	2000	4	2
	13	100	13	100	1	1000	13	10,000	13	10
					9	2000				
Optional Fractional Weights	1	0.2	1	0.2	1	2	1	20	1	0.02
	2	0.4	2	0.4	2	4	2	40	2	0.04
	1	1	1	1	1	10	1	100	1	0.1

Industrial Deadweight Tester's Weight Increments

Dual piston oil units										
Model Range	P3123-1 1 to 350 bar		P3123-2 1 to 350 kgf/cm²		P3123-3 10 to 5000 psi		P3123-4 100 to 35,000 kPa		P3123-5 0.1 to 35 MPa	
Wt Carrier	1/10		1/10		10/100		100/1000		0.1/1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1/1	4	0.1/1	4	1/10	4	10/100	4	0.01/0.1
	1	0.5/5	1	0.5/5	1	5/50	1	50/500	1	0.05/0.5
	4	1/10	4	1/10	4	10/100	4	100/1000	4	0.1/1
Optional Fractional Weights	6	5/50	6	5/50	1	50/500	6	500/5000	6	0.5/5
	4	100/1000			4	100/1000				
	1	0.01/0.1	1	0.01/0.1	1	0.1/1	1	1/10	1	0.001/0.01
Optional Fractional Weights	2	0.02/0.2	2	0.02/0.2	2	0.2/2	2	2/20	2	0.002/0.02
	1	0.05/0.5	1	0.05/0.5	1	0.5/5	1	5/50	1	0.005/0.05
Model Range	P3124-1 1 to 700 bar		P3124-2 1 to 700 kgf/cm²		P3124-3 10 to 10,000 psi		P3124-4 100 to 70,000 kPa		P3124-5 0.1 to 70 MPa	
Wt Carrier	1/20		1/20		10/200		100/2000		0.1/2	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1/2	4	0.1/2	4	1/20	4	10/200	4	0.01/0.2
	1	0.5/10	1	0.5/10	1	5/100	1	50/1000	1	0.05/1
	4	1/20	4	1/20	4	10/200	4	100/2000	4	0.1/2
Optional Fractional Weights	6	5/100	6	5/100	1	50/1000	6	500/10,000	6	0.5/10
	4	100/2000			4	100/2000				
	1	0.01/0.2	1	0.01/0.2	1	0.1/2	1	1/20	1	0.001/0.02
Optional Fractional Weights	2	0.02/0.4	2	0.02/0.4	2	0.2/4	2	2/40	2	0.002/0.04
	1	0.05/1	1	0.05/1	1	0.5/10	1	5/100	1	0.005/0.1
Model Range	P3125-1 1 to 1100 bar		P3125-2 1 to 1100 kgf/cm²		P3125-3 10 to 16,000 psi		P3125-4 100 to 11,0000 kPa		P3125-5 0.1 to 110 MPa	
Wt Carrier	1/20		1/20		10/200		100/2000		0.1/2	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1/2	4	0.1/2	4	1/20	4	10/200	4	0.01/0.2
	1	0.5/10	1	0.5/10	1	5/100	1	50/1000	1	0.05/1
	4	1/20	4	1/20	4	10/200	4	100/2000	4	0.1/2
Optional Fractional Weights	10	5/100	10	5/100	1	50/1000	10	500/10,000	10	0.5/10
	7	100/2000			7	100/2000				
	1	0.01/0.2	1	0.01/0.2	1	0.1/2	1	1/20	1	0.001/0.02
Optional Fractional Weights	2	0.02/0.4	2	0.02/0.4	2	0.2/4	2	2/40	2	0.002/0.04
	1	0.05/1	1	0.05/1	1	0.5/10	1	5/100	1	0.005/0.1

Industrial Deadweight Tester's Weight Increments

Single piston water units										
Model Range	P3211-1 1 to 35 bar		P3211-2 1 to 35 kgf/cm²		P3211-3 10 to 500 psi		P3211-4 100 to 3500 kPa		P3211-5 0.1 to 3.5 MPa	
Wt Carrier	1		1		10		100		0.1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1	4	0.1	4	1	4	10	4	0.01
	1	0.5	1	0.5	1	5	1	50	1	0.05
	4	1	4	1	4	10	4	100	4	0.1
	6	5	6	5	1	50	6	500	6	0.5
					4	100				
Optional Fractional Weights	1	0.01	1	0.01	1	0.1	1	1	1	0.001
	2	0.02	2	0.02	2	0.2	2	2	2	0.002
	1	0.05	1	0.05	1	0.5	1	5	1	0.005
Model Range	P3213-1 10 to 350 bar		P3213-2 10 to 350 kgf/cm²		P3213-3 100 to 5000 psi		P3213-4 1000 to 350,000 kPa		P3213-5 1 to 35 MPa	
Wt Carrier	10		10		100		1000		1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	1	4	1	4	10	4	100	4	0.1
	1	5	1	5	1	50	1	500	1	0.5
	4	10	4	10	4	100	4	1000	4	1
	6	50	6	50	1	500	6	5000	6	5
					4	1000				
Optional Fractional Weights	1	0.1	1	0.1	1	1	1	10	1	0.01
	2	0.2	2	0.2	2	2	2	20	2	0.02
	1	0.5	1	0.5	1	5	1	50	1	0.05
Model Range	P3214-1 20 to 700 bar		P3214-2 20 to 700 kgf/cm²		P3214-3 200 to 10,000 psi		P3214-4 2000 to 70,000 kPa		P3214-5 2 to 70 MPa	
Wt Carrier	20		20		200		2000		2	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	2	4	2	4	20	4	200	4	0.2
	1	10	1	10	1	100	1	1000	1	1
	4	20	4	20	4	200	4	2000	4	2
	6	100	6	100	1	1000	6	10,000	6	10
					4	2000				
Optional Fractional Weights	1	0.2	1	0.2	1	2	1	20	1	0.02
	2	0.4	2	0.4	2	4	2	40	2	0.04
	1	1	1	1	1	10	1	100	1	0.1

Industrial Deadweight Tester's Weight Increments

Dual piston water units										
Model Range	P3223-1 1 to 350 bar		P3223-2 1 to 350 kgf/cm²		P3223-3 10 to 5000 psi		P3223-4 100 to 35,000 kPa		P3223-5 0.1 to 35 MPa	
Wt Carrier	1/10		1/10		10/100		100/1000		0.1/1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1/1	4	0.1/1	4	1/10	4	10/100	4	0.01/0.1
	1	0.5/5	1	0.5/5	1	5/50	1	50/500	1	0.05/0.5
	4	1/10	4	1/10	4	10/100	4	100/1000	4	0.1/1
Optional Fractional Weights	6	5/50	6	5/50	1	50/500	6	500/5000	6	0.5/5
					4	100/1000				
	1	0.01/0.1	1	0.01/0.1	1	0.1/1	1	1/10	1	0.001/0.01
	2	0.02/0.2	2	0.02/0.2	2	0.2/2	2	2/20	2	0.002/0.02
	1	0.05/0.5	1	0.05/0.5	1	0.5/5	1	5/50	1	0.005/0.05
Model Range	P3224-1 1 to 700 bar		P3224-2 1 to 700 kgf/cm²		P3224-3 10 to 10,000 psi		P3224-4 100 to 70,000 kPa		P3224-5 0.1 to 70 MPa	
Wt Carrier	1/20		1/20		10/200		100/2000		0.1/2	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1/2	4	0.1/2	4	1/20	4	10/200	4	0.01/0.2
	1	0.5/10	1	0.5/10	1	5/100	1	50/1000	1	0.05/1
	4	1/20	4	1/20	4	10/200	4	100/2000	4	0.1/2
Optional Fractional Weights	6	5/100	6	5/100	1	50/1000	6	500/10,000	6	0.5/10
					4	100/2000				
	1	0.01/0.2	1	0.01/0.2	1	0.1/2	1	1/20	1	0.001/0.02
	2	0.02/0.4	2	0.02/0.4	2	0.2/4	2	2/40	2	0.002/0.04
	1	0.05/1	1	0.05/1	1	0.5/10	1	5/100	1	0.005/0.1

Industrial Deadweight Tester's Weight Increments

Single piston gas units										
Model Range	P3012-4-P 1.5 to 100 kPa		P3012-6-P 15 to 1000 mbar		P3012-7-P 5 to 400 inH₂O					
Wt Carrier	1.5		15		5					
Weights	Qty	Increment	Qty	Increment	Qty	Increment				
	1	0.5	1	5	1	1				
	1	1	1	10	2	2				
	4	2	4	20	7	5				
	1	10	1	100	1	40				
	4	20	4	200	4	80				
Model Range	P3013-4-P 3 to 200 kPa		P3013-6-P 30 to 2000 mbar		P3013-7-P 12 to 800 inH₂O					
Wt Carrier	3		30		12					
Weights	Qty	Increment	Qty	Increment	Qty	Increment				
	1	1	1	10	1	2				
	1	2	1	20	2	4				
	4	4	4	40	7	10				
	1	20	1	200	1	80				
	4	40	4	400	4	160				
Model Range	P3014-1-P 0.2 to 10 bar		P3014-2-P 0.2 to 10 kgf/cm²		P3014-3-P 3 to 150 psi		P3014-4-P 20 to 1000 kPa		P3014-5-P 0.02 to 1 MPa	
Wt Carrier	0.2		0.2		3		20		0.02	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1	4	0.1	4	1	4	10	4	0.01
	1	0.5	1	0.5	1	5	1	50	1	0.05
	4	1	4	1	4	10	4	100	4	0.1
	1	5	1	5	2	50	1	500	1	0.5
Optional Fractional Weights	1	0.01	1	0.01	1	0.1	1	1	1	0.001
	2	0.02	2	0.02	2	0.2	2	2	2	0.002
	1	0.05	1	0.05	1	0.5	1	5	1	0.005
Model Range	P3015-1 & -P 0.2 to 35 bar		P3015-2 & -P 0.2 to 35 kgf/cm²		P3015-3 & -P 3 to 500 psi		P3015-4 & -P 20 to 3500 kPa		P3015-5 & -P 0.02 to 3.5 MPa	
Wt Carrier	0.2		0.2		3		20		0.02	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1	4	0.1	4	1	4	10	4	0.01
	1	0.5	1	0.5	1	5	1	50	1	0.05
	4	1	4	1	4	10	4	100	4	0.1
	6	5	6	5	1	50	6	500	6	0.5
					4	100				
Optional Fractional Weights	1	0.01	1	0.01	1	0.1	1	1	1	0.001
	2	0.02	2	0.02	2	0.2	2	2	2	0.002
	1	0.05	1	0.05	1	0.5	1	5	1	0.005

Industrial Deadweight Tester's Weight Increments

Single piston liquid lubricated gas units										
Model Range	P3031-1 1 to 70 bar		P3031-2 1 to 70 kgf/cm²		P3031-3 10 to 1000 psi		P3031-4 100 to 7000 kPa		P3031-5 0.1 to 7 MPa	
Wt Carrier	1		1		10		100		0.1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	1	0.1	1	0.1	1	1	1	10	1	0.01
	1	0.2	1	0.2	1	2	1	20	1	0.02
	4	0.4	4	0.4	4	4	4	40	4	0.04
	1	2	1	2	1	20	1	200	1	0.2
	4	4	4	4	4	40	4	400	4	0.4
	3	20	3	20	2	200	3	2000	3	2
					1	400				
Model Range	P3032-1 1 to 140 bar		P3032-2 1 to 140 kgf/cm²		P3032-3 10 to 2000 psi		P3032-4 100 to 14,000 kPa		P3032-5 0.1 to 14 MPa	
Wt Carrier	1		1		10		100		0.1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	1	0.1	1	0.1	1	1	1	10	1	0.01
	1	0.2	1	0.2	1	2	1	20	1	0.02
	4	0.4	4	0.4	4	4	4	40	4	0.04
	1	2	1	2	1	20	1	200	1	0.2
	4	4	4	4	4	40	4	400	4	0.4
	6	20	6	20	1	200	6	2000	6	2
					4	400				

Industrial Deadweight Tester's Weight Increments

Dual piston gas (pressure and vacuum) units (includes vacuum only units)						
Model Range (P)	P3022-4 & -P 1.5 to 100 kPa		P3022-6 & -P 15 to 1000 mbar		P3022-7 & -P 5 to 400 inH₂O	
Wt Carrier	1.5		15		5	
Weights	Qty	Increment	Qty	Increment	Qty	Increment
	1	0.5	1	5	1	1
	1	1	1	10	2	2
	4	2	4	20	7	5
	1	10	1	100	1	40
	4	20	4	200	4	80
Range (V)	3 to 100 kPa		30 to 1000 mbar		1 to 30 inHg	
Wt Carrier	3		30		1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment
	1	1	1	10	1	0.2
	2	2	2	20	2	0.4
	1	5	1	50	1	1
	1	10	1	100	4	2
	2	20	2	200	2	10
	1	40	1	400		
Model Range (P)	P3023-4 & -P 3 to 200 kPa		P3023-6 & -P 30 to 2000 mbar		P3023-7 & -P 12 to 800 inH₂O	
Wt Carrier	3		30		12	
Weights	Qty	Increment	Qty	Increment	Qty	Increment
	1	1	1	10	1	2
	1	2	1	20	2	4
	4	4	4	40	7	10
	1	20	1	200	1	80
	4	40	4	400	4	160
Range (V)	3 to 100 kPa		30 to 1000 mbar		1 to 30 inHg	
Wt Carrier	3		30		1	
Weights	Qty	Increment	Qty	Increment	Qty	Increment
	1	1	1	10	1	0.2
	2	2	2	20	2	0.4
	1	5	1	50	1	1
	1	10	1	100	4	2
	2	20	2	200	2	10
	1	40	1	400		

Industrial Deadweight Tester's Weight Increments

Dual piston gas (pressure and vacuum) units (includes vacuum only units) cont.										
Model Range (P)	P3025-1 & -P 0.2 to 35 bar		P3025-2 & -P 0.2 to 35 kgf/cm ²		P3025-3 & -P 3 to 500 psi		P3025-4 & -P 20 to 3500 kPa		P3025-5 & -P 0.02 to 3.54 MPa	
Wt Carrier	0.2		0.2		3		20		0.02	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	0.1	4	0.1	4	1	4	10	4	0.01
	1	0.5	1	0.5	1	5	1	50	1	0.05
	4	1	4	1	4	10	4	100	4	0.1
	6	5	6	5	1	50	6	500	6	0.5
Optional Fractional Weights	1	0.01	1	0.01	1	0.1	1	1	1	0.001
	2	0.02	2	0.02	2	0.2	2	2	2	0.002
	1	0.05	1	0.05	1	0.5	1	5	1	0.005
Range (V)	30 to 1000 mbar		3 to 760 mmHg		1 to 30 inHg		3 to 100 kPa		3 to 100 kPa	
Wt Carrier	30		3		1		3		3	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	1	10	1	10	1	0.2	1	1	1	1
	2	20	2	20	2	0.4	2	2	2	2
	1	50	1	50	1	1	1	5	1	5
	1	100	1	100	4	2	1	10	1	10
	2	200	2	200	2	10	2	20	2	20
	1	400	1	400	1	40	1	40	1	40
Vacuum only instruments										
Model Range	P3011-4 & -P 3 to 100 kPa		P3011-6 & -P 30 to 1000 mbar		P3011-8 & -P 1 to 30 inHg		P3011-9 & -P 30 to 760 mmHg			
Wt Carrier	3		30		1		30			
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment		
	1	1	1	10	1	0.2	1	10		
	2	2	2	20	2	0.4	2	20		
	1	5	1	50	1	1	1	50		
	1	10	1	100	4	2	1	100		
	2	20	2	200	2	10	2	200		
	1	40	1	400	1	40	1	400		

Industrial Deadweight Tester's Weight Increments

High pressure, single piston oil units										
Model Range	P3830-1 40 to 2000 bar		P3830-2 40 to 2000 kgf/cm²		P3830-3 500 to 30,000 psi		P3830-4 400 to 200,000 kPa		P3830-5 4 to 200 MPa	
Wt Carrier	40		40		500		4000		4	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	2	4	2	4	20	4	200	4	0.2
	1	10	1	10	1	100	1	1000	1	1
	4	20	4	20	4	200	4	2000	4	2
	1	100	1	100	1	1000	1	10,000	1	10
Optional Fractional Weights	9	200	9	200	2	2000	9	20,000	9	20
					8	3000				
	1	0.2	1	0.2	1	2	1	20	1	0.02
	2	0.4	2	0.4	2	4	2	40	2	0.04
	1	1	1	1	1	10	1	100	1	0.1
Model Range	P3840-1 40 to 2600 bar		P3840-2 40 to 2000 kgf/cm²		P3840-3 500 to 40,000 psi		P3840-4 400 to 260,000 kPa		P3840-5 4 to 260 MPa	
Wt Carrier	40		40		500		4000		4	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	2	4	2	4	20	4	200	4	0.2
	1	10	1	10	1	100	1	1000	1	1
	4	20	4	20	4	200	4	2000	4	2
	1	100	1	100	1	1000	1	10,000	1	10
Optional Fractional Weights	12	200	9	200	1	2000	12	20,000	12	20
					12	3000				
	1	0.2	1	0.2	1	2	1	20	1	0.02
	2	0.4	2	0.4	2	4	2	40	2	0.04
	1	1	1	1	1	10	1	100	1	0.1
Model Range	P3860-1 40 to 2000 bar		P3860-2 40 to 2000 kgf/cm²		P3860-3 500 to 30,000 psi		P3860-4 400 to 200,000 kPa		P3860-5 4 to 200 MPa	
Wt Carrier	40		40		500		4000		4	
Weights	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment	Qty	Increment
	4	2	4	2	4	20	4	200	4	0.2
	1	10	1	10	1	100	1	1000	1	1
	4	20	4	20	4	200	4	2000	4	2
	1	100	1	100	1	1000	1	10,000	1	10
Optional Fractional Weights	19	200	19	200	2	2000	9	20,000	19	20
					18	3000				
	1	0.2	1	0.2	1	2	1	20	1	0.02
	2	0.4	2	0.4	2	4	2	40	2	0.04
	1	1	1	1	1	10	1	100	1	0.1

Industrial Deadweight Tester's Weight Increments

Chinese spec. single piston oil units							
Model Range	P3111-1-976 1 to 35 bar		P3111-4-976 100 to 3500 kPa		P3111-976 0.1 to 3.5 MPa		
Wt Carrier	1		100		0.1		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	4	0.1	4	10	4	0.01	
	1	0.5	1	50	1	0.05	
	2	1	2	100	2	0.1	
	1	2.5	1	250	1	0.25	
	6	5	6	500	6	0.5	
Optional Fractional Weights	1	0.01	1	1	1	0.001	
	2	0.02	2	2	2	0.002	
	1	0.05	1	5	1	0.005	
Model Range	P3112-1-976 4 to 140 bar		P3112-4-976 400 to 14,000 kPa		P3112-5-976 0.4 to 14 MPa		
Wt Carrier	4		400		0.4		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	1	0.1	1	10	1	0.01	
	1	0.2	1	20	1	0.02	
	4	0.4	4	40	4	0.04	
	1	2	1	200	1	0.2	
	2	4	2	400	2	0.4	
	1	10	1	1000	1	1	
	6	20	6	2000	6	2	
Model Range	P3113-1-976 10 to 350 bar		P3113-4-976 1000 to 35,000 kPa		P3113-5-976 1 to 35 MPa		
Wt Carrier	10		1000		1		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	4	1	4	100	4	0.1	
	1	5	1	500	1	0.5	
	2	10	2	1000	2	1	
	1	25	1	2500	1	2.5	
	6	50	6	5000	6	5	
Optional Fractional Weights	1	0.1	1	10	1	0.01	
	2	0.2	2	20	2	0.02	
	1	0.5	1	50	1	0.05	

Industrial Deadweight Tester's Weight Increments

Chinese spec. single piston oil units <small>cont.</small>							
Model Range	P3114-1-976 20 to 700 bar		P3114-4-976 2000 to 70,000 kPa		P3114-5-976 2 to 70 MPa		
Wt Carrier	20		2000		2		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	4	2	4	200	4	0.2	
	1	10	1	1000	1	1	
	2	20	4	2000	2	2	
	1	50	1	5000	1	5	
	6	100	6	10,000	6	10	
Optional Fractional Weights	1	0.2	1	20	1	0.02	
	2	0.4	2	40	2	0.04	
	1	1	1	100	1	0.1	
Model Range	P3115-1-976 20 to 1100 bar		P3115-4-976 2000 to 110,000 kPa		P3115-5-976 2 to 110 MPa		
Wt Carrier	20		2000		2		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	4	2	4	200	4	0.2	
	1	10	1	1000	1	1	
	2	20	2	2000	2	2	
	1	50	1	5000	1	5	
	10	100	10	10,000	10	10	
Optional Fractional Weights		0.2	1	20	1	0.02	
	1	0.4	2	40	2	0.04	
	2	1	1	100	1	0.1	
1							
Model Range			P3116-4-976 2000 to 140,000 kPa		P3116-5-976 2 to 140 MPa		
Wt Carrier	20		2000		2		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	4	2	4	200	4	0.2	
	1	10	1	1000	1	1	
	2	20	2	2000	2	2	
	1	50	1	5000	1	5	
	13	100	13	10,000	13	10	
Optional Fractional Weights	1	0.2	1	20	1	0.02	
	2	0.4	2	40	2	0.04	
	1	1	1	100	1	0.1	

Industrial Deadweight Tester's Weight Increments

Chinese spec. dual piston oil units							
Model Range	P3123-1-976 1 to 350 bar		P3123-4-976 100 to 35,000 kPa		P3123-5-976 0.1 to 35 MPa		
Wt Carrier	1/10		100/1000		0.1/1		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	4	0.1/1	4	10/100	4	0.01/0.1	
	1	0.5/5	1	50/500	1	0.05/0.5	
	2	1/10	2	100/1000	2	0.1/1	
	1	2.5/25	1	250/2500	1	0.25/2.5	
6	5/50	6	500/5000	6	0.5/5		
Optional Fractional Weights	1	0.01/0.1	1	1/10	1	0.001/0.01	
	2	0.02/0.2	2	2/20	2	0.002/0.02	
	1	0.05/0.5	1	5/50	1	0.005/0.05	
Model Range	P3124-1-976 1 to 700 bar		P3124-4-976 100 to 70,000 kPa		P3124-5-976 0.1 to 70 MPa		
Wt Carrier	1/20		100/2000		0.1/2		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	4	0.1/2	4	10/200	4	0.01/0.2	
	1	0.5/10	1	50/1000	1	0.05/1	
	2	1/20	2	100/2000	2	0.1/2	
	1	2.5/50	1	2500/5000	1	0.25/5	
6	5/100	6	500/10,000	6	0.5/10		
Optional Fractional Weights	1	0.01/0.2	1	1/20	1	0.001/0.02	
	2	0.02/0.4	2	2/40	2	0.002/0.04	
	1	0.05/1	1	5/100	1	0.005/0.1	
Model Range	P3125-1-976 1 to 1100 bar		P3125-4-976 100 to 110,000 kPa		P3125-5-976 0.1 to 110 MPa		
Wt Carrier	1/20		100/2000		0.1/2		
Weights	Qty	Increment	Qty	Increment	Qty	Increment	
	4	0.1/2	4	10/200	4	0.01/0.2	
	1	0.5/10	1	50/1000	1	0.05/1	
	2	1/20	2	100/2000	2	0.1/2	
	1	2.5/50	1	250/5000	1	0.25/5	
10	5/100	10	500/10,000	10	0.5/10		
Optional Fractional Weights	1	0.01/0.2	1	1/20	1	0.001/0.02	
	2	0.02/0.4	2	2/40	2	0.002/0.04	
	1	0.05/1	1	5/100	1	0.005/0.1	

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Fluke Calibration
PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V.
PO Box 1186, 5602 BD
Eindhoven, The Netherlands

For more information call:
In the U.S.A. (800) 443-5853 or
Fax (425) 446-5116
In Europe/M-East/Africa +31 (0) 40
2675 200 or Fax +31 (0) 40 2675 222
In Canada (800)-36-FLUKE or
Fax (905) 890-6866

From other countries +1 (425) 446-5500 or
Fax +1 (425) 446-5116
Web access: <http://www.flukecal.com>

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