

High-Performance Digital Force Gauges with Remote Sensor

Remote sensor is ideal for use in confined spaces or hard-to-reach applications

- USB, RS-232, and analog outputs
- Accurate to $\pm 0.2\%$ full scale ± 1 digit
- Process 1000 data points/second—not just the peak
- Programmable high/low set points with color-coded LEDs and output signal for go/no-go testing
- Extended capacity up to 4400 lb
- Reversible display
- Overload capacity of 200%
- Real-time and peak mode (selectable)
- Overload alarm and output signal
- Runs on internal NiMH batteries or AC adapter



25311-35

What's included: ZP Logger software, USB driver with USB cable, remote sensor with 6-ft (1.8-m) cable, carrying case, NiMH rechargeable batteries, and AC adapter.

Catalog No.	Model No.	Pounds Capacity (resolution)	Kilograms Capacity (resolution)	Newtons Capacity (resolution)
TS-25311-35	ZPS-DPU-0.4	7.00 oz (0.01 oz)	200.0 g (0.1 g)	2.000 N (0.001 N)
TS-25311-36	ZPS-DPU-1	18.00 oz (0.01 oz)	500.0 g (0.1 g)	5.000 N (0.001 N)
TS-25311-37	ZPS-DPU-4	4.400 lb (0.001 lb)	2.000 kg (0.001 kg)	20.00 N (0.01 N)
TS-25311-38	ZPS-DPU-11	11.00 lb (0.01 lb)	5.000 kg (0.001 kg)	50.00 N (0.01 N)
TS-25311-39	ZPS-DPU-44	44.00 lb (0.01 lb)	20.00 kg (0.01 kg)	200.0 N (0.1 N)
TS-25311-40	ZPS-DPU-110	110.0 lb (0.1 lb)	50.00 kg (0.01 kg)	500.0 N (0.1 N)
TS-25311-41	ZPS-DPU-220	220.0 lb (0.1 lb)	100.0 kg (0.1 kg)	1000 N (1 N)
TS-25311-42	ZPS-DPU-440	440.0 lb (0.1 lb)	200.0 kg (0.1 kg)	2000 N (1 N)
TS-25311-43	ZPS-DPU-1100	1100 lb (1 lb)	500.0 kg (0.1 kg)	5000 N (1 N)
TS-25311-44	ZPS-DPU-2200	2200 lb (1 lb)	1000 kg (1 kg)	10.00 kN (0.01 kN)
TS-25311-45	ZPS-DPU-4400	4400 lb (1 lb)	2000 kg (1 kg)	20.00 kN (0.01 kN)
Accessories				
TS-17090-16	—	NIST-traceable calibration with data; gauges up to 250 lb		
TS-17111-37	—	NIST-traceable calibration with data; gauges up to 500 lb		

FB-Series Mechanical Force Gauges

Simple, rugged, virtually maintenance-free

- Retains a high degree of accuracy for extended periods
- Ergonomic, heavy-duty metal construction
- No batteries needed
- Intrinsically safe in hazardous environments
- Capacity up to 100 lb (push and pull)
- Overload capacity 165 lb on all ranges
- Accuracy $\pm 0.3\%$ FS
- Real time and peak mode
- Tare ring



Optional handle
59860-44



93959-76

Pounds		Kilograms		Newtons	
Catalog No.	Capacity (Resolution)	Catalog No.	Capacity (Resolution)	Catalog No.	Capacity (Resolution)
TS-93959-91	32 ozf (0.25 ozf)	TS-93959-80	1 kg (10 g)	TS-93959-79	10 N (0.1 N)
TS-93959-81	2 lb (0.02 lb)	TS-93959-86	2 kg (20 g)	TS-93959-85	20 N (0.2 N)
TS-93959-93	5 lb (0.05 lb)	TS-93959-92	3 kg (25 g)	TS-93959-90	30 N (0.25 N)
TS-93959-74	10 lb (0.1 lb)	TS-93959-98	5 kg (50 g)	TS-93959-97	50 N (0.5 N)
TS-93959-82	20 lb (0.2 lb)	TS-93959-78	10 kg (100 g)	TS-93959-77	100 N (1 N)
TS-93959-87	30 lb (0.25 lb)	TS-93959-84	20 kg (200 g)	TS-93959-83	200 N (2 N)
TS-93959-94	50 lb (0.5 lb)	TS-93959-89	30 kg (250 g)	TS-93959-88	300 N (2.5 N)
TS-93959-76	100 lb (1 lb)	TS-93959-96	50 kg (500 g)	TS-93959-95	500 N (5 N)
Accessories					
TS-59860-44	Optional handle				
TS-17090-16	NIST-traceable calibration with data; gauges up to 250 lb				
TS-17111-37	NIST-traceable calibration with data; gauges up to 500 lb				