

BenchMark™ Series Medium- to High-Capacity Bench Scales



(SEE CHART ON BACK OF PAGE FOR PART #'S.)



Measurement
Canada
Approved

BenchMark Series bench scales offer unprecedented reliability and accuracy for medium-capacity bench-top weighing. Heavy-duty steel construction provides durability and long life in a variety of demanding industrial weighing environments. An efficient single-point design offers highly sensitive load introduction.

The BenchMark Series is available in rugged 304 stainless steel construction. Stainless steel models are easily maintained, making them ideal for food and chemical processing applications. As your needs grow, the BenchMark SL Series can be fitted with a variety of mounting options and indicators for complete stand-alone operation. An optional stainless steel clamshell load cell shield offers added protection in washdown environments.



Optional stainless steel clamshell

Applications

- Food and chemical processing
- Rugged industrial environments
- Medium- to high-capacity bench-top weighing
- Commercial buying and selling

Standard Features

- Mild steel construction
- 304 stainless steel cover
- Rugged 5-point overload protection
- Four stainless steel leveling feet
- Bubble level
- Optional 304 stainless steel construction
- RL1042-N5 encapsulated single-point NTEP-certified aluminum load cell (12" x 12" and 12" x 18"); RL1260-N5 encapsulated single-point, aluminum load cell (18" x 18", 18" x 24" and 24" x 24"); RL1250-N5 encapsulated single-point NTEP-certified aluminum load cell on all 1,000 lb bases

Options/Accessories

- 53001 304 stainless steel clamshell for added load cell protection (12" x 12" and 12" x 18")
- 41292 304 stainless steel clamshell for added load cell protection (18" x 18", 18" x 24" and 24" x 24"), except 1000 lb capacity
- 18805 304 stainless steel clamshell for added load cell protection (18" x 18", 18" x 24" and 24" x 24"), 1000 lb capacity only
- 64574 12" column for IQ plus® 355 or IQ plus® 210
- 64575 12" column for IQ plus® 390-DC or IQ plus® 590-DC
- 66691* 18" column for IQ plus® 355 or IQ plus® 210
- 66692* 18" column for IQ plus® 390-DC or IQ plus® 590-DC
- 64576 Attachment bracket for IQ plus® 355 or IQ plus® 210
- 64577 Attachment bracket for IQ plus® 390-DC or IQ plus® 590-DC
- 22125 Additional operating manual

* Not recommended for use with scale bases smaller than 12" x 12"

Load Cell Options—Non-NTEP

- N/A RL1140 potted single-point, non-NTEP stainless steel load cell (50 lb capacity, 12" x 12" or 12" x 18")
- N/A RL1140 potted single-point, non-NTEP stainless steel load cell (100 lb capacity, 12" x 12" or 12" x 18")

LOAD CELL, NTEP CERTIFIED:

RL1042-N5 encapsulated single-point: 12" x 12" and 12" x 18"
 RL1260-N5 encapsulated single-point: 18" x 18", 18" x 24"
 and 24" x 24"
 RL1250-N5 encapsulated single-point on all 1,000 lb bases
 Optional non-NTEP RL1140 potted single-point, stainless steel
 on 50 lb and 100 lb capacities, 12" x 18" only

RATED OUTPUT:

0.91 mV/V

OUTPUT IMPEDANCE:

350 ohms

MAXIMUM OVERLOAD:

200%

OVERLOAD PROTECTION:

5 point, independently adjusted

CABLE LENGTH:

10' (3m) 6-wire shielded

COMPENSATED TEMPERATURE RANGE:

14°F to 104°F (-10°C to 40°C)

APPROVALS

NTEP-certified per H-44, Class III, 5000d, CC #95-072A1,
 Measurement Canada approved, AM-5082

WARRANTY:

Two year limited warranty

DIMENSIONS

MILD STEEL PART #	STAINLESS STEEL PART #	CAPACITY LB (KG)	PLATFORM DIMENSIONS INCHES (MM)	HEIGHT INCHES (MM)	SHIPPING WEIGHT LB (KG) (*2 boxes)
18580	**	30 lb (15 kg)	12" L x 12" W (305mm L x 305mm W)	4.12" (105mm)	23 lb (10.5 kg)
18582	**	50 lb (25 kg)	12" L x 12" W (305mm L x 305mm W)	4.12" (105mm)	23 lb (10.5 kg)
18584	**	100 lb (50 kg)	12" L x 12" W (305mm L x 305mm W)	4.12" (105mm)	23 lb (10.5 kg)
18586	32918	50 lb (25 kg)	12" L x 18" W (305mm L x 458mm W)	4.12" (105mm)	30 lb (10.5 kg)
18588	32919	100 lb (50 kg)	12" L x 18" W (305mm L x 458mm W)	4.12" (105mm)	30 lb (10.5 kg)
18590	18591	50 lb (25 kg)	18" L x 18" W (458mm L x 458mm W)	5.25" (134mm)	62 lb (28.1 kg)
18592	18593	100 lb (50 kg)	18" L x 18" W (458mm L x 458mm W)	5.25" (134mm)	62 lb (28.1 kg)
18594	18595	150 lb (75 kg)	18" L x 18" W (458mm L x 458mm W)	5.25" (134mm)	62 lb (28.1 kg)
18596	18597	200 lb (100 kg)	18" L x 18" W (458mm L x 458mm W)	5.25" (134mm)	62 lb (28.1 kg)
18598	18599	250 lb (125 kg)	18" L x 18" W (458mm L x 458mm W)	5.25" (134mm)	62 lb (28.1 kg)
18600	18601	300 lb (150 kg)	18" L x 18" W (458mm L x 458mm W)	5.25" (134mm)	62 lb (28.1 kg)
18602	18603	500 lb (250 kg)	18" L x 18" W (458mm L x 458mm W)	5.25" (134mm)	62 lb (28.1 kg)
18604	18605	1000 lb (500 kg)	18" L x 18" W (458mm L x 458mm W)	5.25" (134mm)	62 lb (28.1 kg)
18606	18607	50 lb (25 kg)	18" L x 24" W (458mm L x 610mm W)	5.25" (134mm)	60 & 24 lb (27.2 & 10.9 kg)*
18608	18609	100 lb (50 kg)	18" L x 24" W (458mm L x 610mm W)	5.25" (134mm)	60 & 24 lb (27.2 & 10.9 kg)*
18610	18611	150 lb (75 kg)	18" L x 24" W (458mm L x 610mm W)	5.25" (134mm)	60 & 24 lb (27.2 & 10.9 kg)*
18612	18613	200 lb (100 kg)	18" L x 24" W (458mm L x 610mm W)	5.25" (134mm)	60 & 24 lb (27.2 & 10.9 kg)*
18614	18615	250 lb (125 kg)	18" L x 24" W (458mm L x 610mm W)	5.25" (134mm)	60 & 24 lb (27.2 & 10.9 kg)*
18616	18617	300 lb (150 kg)	18" L x 24" W (458mm L x 610mm W)	5.25" (134mm)	60 & 24 lb (27.2 & 10.9 kg)*
18618	18619	500 lb (250 kg)	18" L x 24" W (458mm L x 610mm W)	5.25" (134mm)	60 & 24 lb (27.2 & 10.9 kg)*
18620	18621	1000 lb (500 kg)	18" L x 24" W (458mm L x 610mm W)	5.25" (134mm)	60 & 24 lb (27.2 & 10.9 kg)*
18622	18623	100 lb (50 kg)	24" L x 24" W (610mm L x 610mm W)	5.25" (134mm)	64 & 28 lb (29.0 & 12.7 kg)*
18624	18625	150 lb (75 kg)	24" L x 24" W (610mm L x 610mm W)	5.25" (134mm)	64 & 28 lb (29.0 & 12.7 kg)*
18626	18627	200 lb (100 kg)	24" L x 24" W (610mm L x 610mm W)	5.25" (134mm)	64 & 28 lb (29.0 & 12.7 kg)*
18628	18629	250 lb (125 kg)	24" L x 24" W (610mm L x 610mm W)	5.25" (134mm)	64 & 28 lb (29.0 & 12.7 kg)*
18630	18631	300 lb (150 kg)	24" L x 24" W (610mm L x 610mm W)	5.25" (134mm)	64 & 28 lb (29.0 & 12.7 kg)*
18632	18633	500 lb (250 kg)	24" L x 24" W (610mm L x 610mm W)	5.25" (134mm)	64 & 28 lb (29.0 & 12.7 kg)*
18634	18635	1000 lb (500 kg)	24" L x 24" W (610mm L x 610mm W)	5.25" (134mm)	64 & 28 lb (29.0 & 12.7 kg)*

** See Benchmark SL and CW-80B benchscales