

Bench Scales

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BenchMark® SL

Light-capacity Bench Scales



Standard Features

- 304 stainless steel construction
- LifeGuard™ base design isolates load cell from overloads and shock loads for added durability
- Specially designed adjustable support feet provide exceptional traction and won't scratch surfaces
- NTEP Certified IP66 aluminum load cell

Specifications

Load Cell, NTEP Certified:

IP66 Aluminum and environmentally sealed

Output Impedance:

350 Ω

Maximum Overload:

200%

Overload Protection:

Shock-absorbing spider

Cable Length:

10 ft (3 m)

Compensated Temperature Range:

14° F to 104° F (-10° C to 40° C)

Warranty:

Two-year limited warranty

Approvals:

NTEP CC 95-072, Class III 5,000 d, FM,
Measurement Canada AM-5082, Class III 5,000 d

APPROVALS



Measurement
Canada
Approved



Part Number/Price

Part #	Platform Capacity	Dimensions	Est. Weight	Price
18575*	2 lb (1 kg)	10 x 10 x 3.15 in	13 lb	\$640.00
18576	5 lb (2.5 kg)	10 x 10 x 3.15 in	13 lb	\$640.00
18577	10 lb (5 kg)	10 x 10 x 3.15 in	13 lb	\$640.00
18578	20 lb (10 kg)	10 x 10 x 3.15 in	13 lb	\$640.00
18579	30 lb (15 kg)	10 x 10 x 3.15 in	13 lb	\$640.00
32914	30 lb (15 kg)	12 x 12 x 3.25 in	14 lb	\$720.00
32913	50 lb (25 kg)	12 x 12 x 3.25 in	14 lb	\$720.00
35198	100 lb (50 kg)	12 x 12 x 3.25 in	14 lb	\$720.00

Options/Accessories

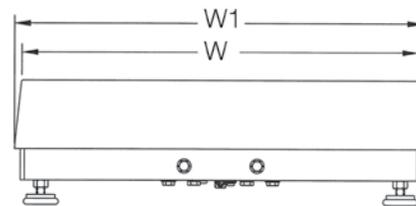
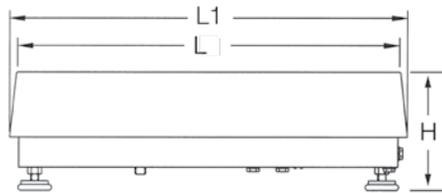
Part #	Description	Price
N/A	Ball transfer and roller conveyor top	See end of section for details
112044	12 in column for IQ plus® 210, 320IS (without battery option), 320IS plus (without battery option), 420 plus® CW-90, CW-90X and 480 Legend Series	\$135.00
112045	18 in column for IQ plus® 210, 320IS (without battery option), 320IS plus (without battery option), 420 plus® CW-90, CW-90X and 480 Legend Series	\$180.00
64576	Attachment bracket for IQ plus® 210 or 420 plus, 320IS (without battery option), 320IS plus (without battery option) and 480 Legend	\$51.50
22125	Additional operating manual	\$5.25

Dimensions

Part #	Capacity	Platform Size (L x W)	L1/W1	H
18575*	2 lb (1 kg)	10 x 10 in	10.25 in	3.15 in
18576	5 lb (2.5 kg)	10 x 10 in	10.25 in	3.15 in
18577	10 lb (5 kg)	10 x 10 in	10.25 in	3.15 in
18578	20 lb (10 kg)	10 x 10 in	10.25 in	3.15 in
18579	30 lb (15 kg)	10 x 10 in	10.25 in	3.15 in
32914	30 lb (15 kg)	12 x 12 in	12.25 in	3.25 in
32913	50 lb (25 kg)	12 x 12 in	12.25 in	3.25 in
35198	100 lb (50 kg)	12 x 12 in	12.25 in	3.25 in

*Non-NTEP or Measurement Canada approved

Note: 1"=25.4 mm



BenchMark® CW-80B

Light-capacity Bench Scales



Standard Features

- 304 stainless steel construction
- LifeGuard™ base design isolates load cell from overloads and shock loads for added durability
- Specially designed adjustable support feet provide exceptional traction and won't scratch surfaces
- NTEP Certified IP67 stainless steel load cell

Specifications

Load Cell, NTEP Certified:

IP67 Stainless steel and environmentally sealed

Output Impedance:

350 Ω

Maximum Overload:

200%

Overload Protection:

Shock-absorbing spider

Cable Length:

10 ft (3 m)

Compensated Temperature Range:

14° F to 104° F (-10° C to 40° C)

Warranty:

Two-year limited warranty

Approvals:

NTEP CC 96-107, Class III, 3000 d, FM,
Measurement Canada AM-5156, Class III 3,000 d

APPROVALS



Measurement
Canada
Approved



Part Number/Price

Part #	Platform Capacity	Dimensions	Est. Weight	Price
35075	6 lb (3 kg)	10 x 10 x 3.15 in	13 lb	\$730.00
35076	10 lb (5 kg)	10 x 10 x 3.15 in	13 lb	\$730.00
35077	15 lb (7 kg)	10 x 10 x 3.15 in	13 lb	\$730.00
35078	30 lb (15 kg)	10 x 10 x 3.15 in	13 lb	\$730.00
35079	30 lb (15 kg)	12 x 12 x 3.25 in	14 lb	\$840.00
35080	60 lb (30 kg)	12 x 12 x 3.25 in	14 lb	\$840.00

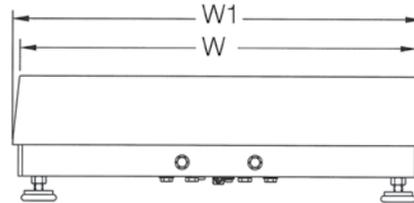
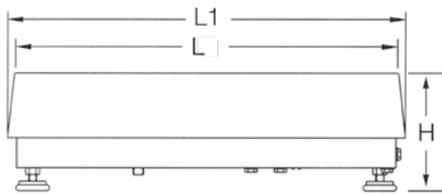
Options/Accessories

Part #	Description	Price
N/A	Ball transfer and roller conveyor top	See end of section for details
112044	12 in column for IQ plus® 210, 320IS (without battery option), 320IS plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend Series	\$135.00
112045	18 in column for IQ plus® 210, 320IS (without battery option), 320IS plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend Series	\$180.00
64576	Attachment bracket for IQ plus® 210 or 420 plus, 320IS (without battery option), 320IS plus (without battery option) and 480 Legend	\$51.50
22125	Additional operating manual	\$5.25

Dimensions

Part#	Capacity	Platform Size (L x W)	L1/W1	H
35075	6 lb (3 kg)	10 x 10 in	10.25 in	3.15 in
35076	10 lb (5 kg)	10 x 10 in	10.25 in	3.15 in
35077	15 lb (7 kg)	10 x 10 in	10.25 in	3.15 in
35078	30 lb (15 kg)	10 x 10 in	10.25 in	3.15 in
35079	30 lb (15 kg)	12 x 12 in	12.25 in	3.25 in
35080	60 lb (30 kg)	12 x 12 in	12.25 in	3.25 in

Note: 1"=25.4 mm



BenchMark® SL/HE

Light-capacity Bench Scales



Standard Features

- 304 stainless steel construction
- LifeGuard™ base design isolates load cell from overloads and shock loads for added durability
- Specially designed adjustable support feet provide exceptional traction and won't scratch surfaces
- NTEP Certified IP69K stainless steel, hermetically sealed load cell

Specifications

Load Cell, NTEP Certified:

IP69K Stainless steel, hermetically sealed

Output Impedance:

1,000 Ω

Maximum Overload:

200%, except 150% for 30 lb

Overload Protection:

Shock-absorbing spider

Cable Length:

10 ft (3 m)

Compensated Temperature Range:

14° F to 104° F (-10° C to 40° C)

Warranty:

Three-year limited warranty (includes water ingress)

Approvals:

NTEP CC 95-072, Class III 5,000 d,
Measurement Canada AM-5082, Class III 5,000 d

APPROVALS



Measurement
Canada
Approved



Part Number/Price

Part #	Platform Capacity	Dimensions	Est. Weight	Price
86942	5 lb (2.5 kg)	10 x 10 x 3.15 in	13 lb	\$1,005.00
86943	10 lb (5 kg)	10 x 10 x 3.15 in	13 lb	\$1,005.00
86944	20 lb (10 kg)	10 x 10 x 3.15 in	13 lb	\$1,005.00
86945	30 lb (15 kg)	10 x 10 x 3.15 in	13 lb	\$1,005.00
86946	30 lb (15 kg)	12 x 12 x 3.25 in	13 lb	\$1,085.00
86947	50 lb (25 kg)	12 x 12 x 3.25 in	14 lb	\$1,085.00
86948	100 lb (50 kg)	12 x 12 x 3.25 in	14 lb	\$1,085.00

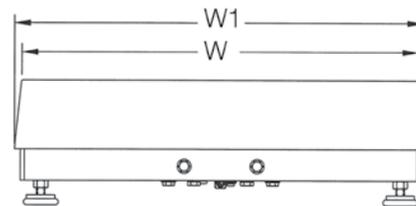
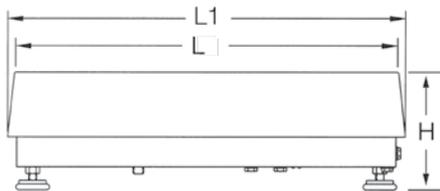
Options/Accessories

Part #	Description	Price
N/A	Ball transfer and roller conveyor top	See end of section for details
112044	12 in column for IQ plus® 210, 320IS (without battery option), 320IS plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend Series	\$135.00
112045	18 in column for IQ plus® 210, 320IS (without battery option), 320IS plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend Series	\$180.00
64576	Attachment bracket for IQ plus® 210 or 420 plus, 320IS (without battery option), 320IS plus (without battery option) and 480 Legend	\$51.50
22125	Additional operating manual	\$5.25

Dimensions

Part #	Capacity	Platform Size (L x W)	L1/W1	H
86942	5 lb (2.5 kg)	10 x 10 in	10.25 in	3.15 in
86943	10 lb (5 kg)	10 x 10 in	10.25 in	3.15 in
86944	20 lb (10 kg)	10 x 10 in	10.25 in	3.15 in
86945	30 lb (15 kg)	10 x 10 in	10.25 in	3.15 in
86946	30 lb (15 kg)	12 x 12 in	12.25 in	3.25 in
86947	50 lb (25 kg)	12 x 12 in	12.25 in	3.25 in
86948	100 lb (50 kg)	12 x 12 in	12.25 in	3.25 in

Note: 1"=25.4 mm



CW-90B

Light-capacity Bench Scales



Specifications

- Load Cell, NTEP Certified:**
IP67 Aluminum and environmentally sealed
- Output Impedance:**
350 Ω
- Maximum Overload:**
180 to 200% depending on capacity
- Overload Protection:**
Five-point, independently adjusted
- Cable Length:**
34 in or 10 ft
- Compensated Temperature Range:**
14° F to 104° F (-10° C to 40° C)
- Warranty:**
Two-year limited warranty
- Approvals:**
NTEP CC 95-072, Class III 5,000 d
Measurement Canada AM-5082, Class III 5,000 d

Standard Features

- 304 stainless steel construction
- Five-point overload protection
- Specially designed adjustable support feet provide exceptional traction and will not scratch surfaces
- IP67 Aluminum environmentally sealed load cell

APPROVALS



Measurement
Canada
Approved



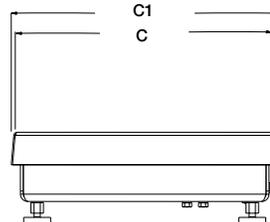
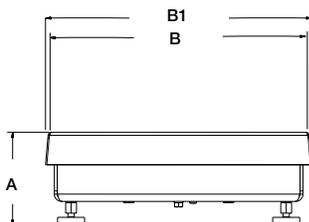
Part Number/Price

Part #	Platform Capacity	Dimensions	Est. Weight	Price
10 ft cable	34 in cable			
112599	106137 5 lb (2.5 kg)	10 x 10 x 4.25 in	14 lb	\$640.00
112601	106138 10 lb (5 kg)	10 x 10 x 4.25 in	14 lb	\$640.00
112603	106139 25 lb (12.5 kg)	10 x 10 x 4.25 in	14 lb	\$640.00
112605	106140 25 lb (12.5 kg)	12 x 12 x 4.25 in	17 lb	\$720.00
112607	106141 50 lb (25 kg)	12 x 12 x 4.25 in	17 lb	\$720.00
112609	106142 100 lb (50 kg)	12 x 12 x 4.25 in	17 lb	\$720.00

Options/Accessories

Part #	Description	Price
N/A	Ball transfer and roller conveyor top	See end of section for details
112044	12 in column for IQ plus® 210, 320IS (without battery option), 320IS plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$135.00
112045**	18 in column for IQ plus® 210, 320IS (without battery option), 320IS plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$180.00

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



Drawing Dimensions

10 in x 10 in			
A	4.25 in (107.95 mm)	C	10 in (254 mm)
B	10 in (254 mm)	C1	10.25 in (260.35 mm)
B1	10.25 in (260.35 mm)		
12 in x 12 in			
A	4.25 in (107.95 mm)	C	12.0 in (304.8 mm)
B	12.0 in (304.8 mm)	C1	12.25 (311.15 mm)
B1	12.25 (311.15 mm)		

BenchMark™

Mild Steel



APPROVALS



Measurement
Canada
Approved



Specifications

Load Cell, NTEP Certified:

IP67 Aluminum, environmentally sealed

Output Impedance:

350 Ω

Maximum Overload:

150-200% depending on capacity

Overload Protection:

Five-point, independently adjusted

Cable Length:

10 ft (3 m)

Compensated Temperature Range:

14° F to 104° F (-10° C to 40° C)

Warranty:

Two-year limited warranty

Approvals:

NTEP CC 95-072, Class III, 5,000 d,

Measurement Canada AM-5082, Class III, 5,000 d

Standard Features

- Painted mild steel frame with 304 stainless steel cover
- Base design isolates load cell from overloads and shock loads for added durability
- Specially designed adjustable support feet provide exceptional traction and will not scratch surfaces

Part Number/Price

Part #	Capacity	Platform Dimensions	Est. Weight	Price
18580	30 lb	12 x 12 x 4.12 in	20 lb	\$765.00
18582	50 lb	12 x 12 x 4.12 in	20 lb	\$765.00
18584	100 lb	12 x 12 x 4.12 in	20 lb	\$765.00
18586	50 lb	12 x 18 x 4.12 in	37 lb	\$850.00
18588	100 lb	12 x 18 x 4.12 in	37 lb	\$850.00
18590	50 lb	18 x 18 x 5.25 in	68 lb	\$1,045.00
18592	100 lb	18 x 18 x 5.25 in	68 lb	\$1,045.00
18594	150 lb	18 x 18 x 5.25 in	68 lb	\$1,045.00
18596	200 lb	18 x 18 x 5.25 in	68 lb	\$1,045.00
18598	250 lb	18 x 18 x 5.25 in	68 lb	\$1,045.00
18600	300 lb	18 x 18 x 5.25 in	68 lb	\$1,045.00
18602	500 lb	18 x 18 x 5.25 in	68 lb	\$1,045.00
18604	1,000 lb	18 x 18 x 5.25 in	68 lb	\$1,155.00
18606	50 lb	18 x 24 x 5.25 in	78 lb	\$1,155.00
18608	100 lb	18 x 24 x 5.25 in	78 lb	\$1,155.00
18610	150 lb	18 x 24 x 5.25 in	78 lb	\$1,155.00
18612	200 lb	18 x 24 x 5.25 in	78 lb	\$1,155.00
18614	250 lb	18 x 24 x 5.25 in	78 lb	\$1,155.00
18616	300 lb	18 x 24 x 5.25 in	78 lb	\$1,155.00
18618	500 lb	18 x 24 x 5.25 in	78 lb	\$1,155.00
18620	1,000 lb	18 x 24 x 5.25 in	78 lb	\$1,275.00
18622	100 lb	24 x 24 x 5.25 in	78 lb	\$1,275.00
18624	150 lb	24 x 24 x 5.25 in	84 lb	\$1,275.00
18626	200 lb	24 x 24 x 5.25 in	84 lb	\$1,275.00
18628	250 lb	24 x 24 x 5.25 in	84 lb	\$1,275.00
18630	300 lb	24 x 24 x 5.25 in	84 lb	\$1,275.00
18632	500 lb	24 x 24 x 5.25 in	84 lb	\$1,395.00
18634	1,000 lb	24 x 24 x 5.25 in	84 lb	\$1,395.00

Options/Accessories

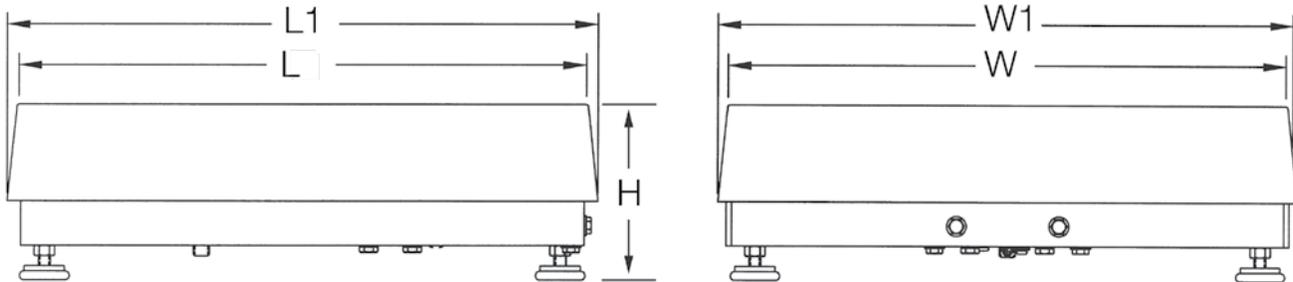
Part #	Description	Price
N/A	Ball transfer and roller conveyor top	See end of section for details
112044	12 in column for IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$135.00
112045*	18 in column for IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$180.00
64576	Attachment bracket for IQ plus® 210, 420 plus, 320IS (without battery option), 320IS Plus (without battery option) and 480 Legend	\$51.50
22125	Additional operating manual	\$5.25

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

Dimensions

Part #	Capacity	Platform Size (L x W)	L1	W1	H
18580	30 lb (15 kg)	12 x 12 in	12.50 in	12.50 in	4.12 in
18582	50 lb (25 kg)	12 x 12 in	12.50 in	12.50 in	4.12 in
18584	100 lb (50 kg)	12 x 12 in	12.50 in	12.50 in	4.12 in
18586	50 lb (25 kg)	12 x 18 in	12.50 in	18.50 in	4.12 in
18588	100 lb (50 kg)	12 x 18 in	12.50 in	18.50 in	4.12 in
18590	50 lb (25 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18592	100 lb (50 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18594	150 lb (75 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18596	200 lb (100 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18598	250 lb (125 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18600	300 lb (150 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18602	500 lb (250 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18604	1,000 lb (500 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18606	50 lb (25 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18608	100 lb (50 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18610	150 lb (75 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18612	200 lb (100 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18614	250 lb (125 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18616	300 lb (150 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18618	500 lb (250 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18620	1,000 lb (500 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18622	100 lb (50 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18624	150 lb (75 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18626	200 lb (100 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18628	250 lb (125 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18630	300 lb (150 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18632	500 lb (250 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18634	1,000 lb (500 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in

Note: 1 in=25.4 mm



BenchMark™

Stainless Steel



APPROVALS



Measurement
Canada
Approved



Specifications

Load Cell, NTEP Certified:

IP67 Aluminum, environmentally sealed

Output Impedance:

350 Ω

Maximum Overload:

150-200% depending on capacity

Overload Protection:

Five-point, independently adjusted

Cable Length:

10 ft (3 m)

Compensated Temperature Range:

14° F to 104° F (-10° C to 40° C)

Warranty:

Two-year limited warranty

Approvals:

NTEP CC 95-072, Class III, 5,000 d,

Measurement Canada AM-5082, Class III, 5,000 d

Standard Features

- 304 stainless steel frame and cover
- Base design isolates load cell from overloads and shock loads for added durability
- Specially designed adjustable support feet provide exceptional traction and will not scratch surfaces

Part Number/Price

Part #	Capacity	Platform Dimensions	Est. Weight	Price
186222	50 lb	12 x 18 x 4.00 in	37 lb	\$900.00
186223	100 lb	12 x 18 x 4.00 in	37 lb	\$900.00
18591	50 lb	18 x 18 x 5.25 in	68 lb	\$1,245.00
18593	100 lb	18 x 18 x 5.25 in	68 lb	\$1,245.00
18595	150 lb	18 x 18 x 5.25 in	68 lb	\$1,245.00
18597	200 lb	18 x 18 x 5.25 in	68 lb	\$1,245.00
18599	250 lb	18 x 18 x 5.25 in	68 lb	\$1,245.00
18601	300 lb	18 x 18 x 5.25 in	68 lb	\$1,245.00
18603	500 lb	18 x 18 x 5.25 in	68 lb	\$1,395.00
18605	1,000 lb	18 x 18 x 5.25 in	68 lb	\$1,395.00
18607	50 lb	18 x 24 x 5.25 in	78 lb	\$1,480.00
18609	100 lb	18 x 24 x 5.25 in	78 lb	\$1,480.00
18611	150 lb	18 x 24 x 5.25 in	78 lb	\$1,480.00
18613	200 lb	18 x 24 x 5.25 in	78 lb	\$1,480.00
18615	250 lb	18 x 24 x 5.25 in	78 lb	\$1,480.00
18617	300 lb	18 x 24 x 5.25 in	78 lb	\$1,480.00
18619	500 lb	18 x 24 x 5.25 in	78 lb	\$1,480.00
18621	1,000 lb	18 x 24 x 5.25 in	78 lb	\$1,765.00
18623	100 lb	24 x 24 x 5.25 in	84 lb	\$1,765.00
18625	150 lb	24 x 24 x 5.25 in	84 lb	\$1,825.00
18627	200 lb	24 x 24 x 5.25 in	84 lb	\$1,825.00
18629	250 lb	24 x 24 x 5.25 in	84 lb	\$1,825.00
18631	300 lb	24 x 24 x 5.25 in	84 lb	\$1,825.00
18633	500 lb	24 x 24 x 5.25 in	84 lb	\$1,905.00
18635	1,000 lb	24 x 24 x 5.25 in	84 lb	\$1,905.00

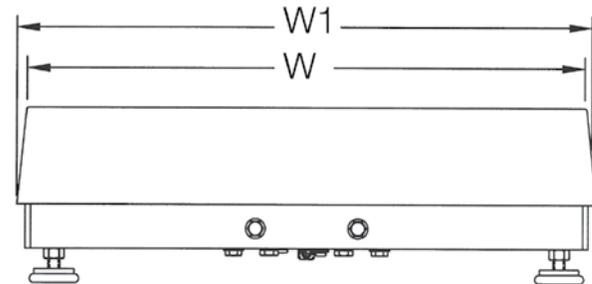
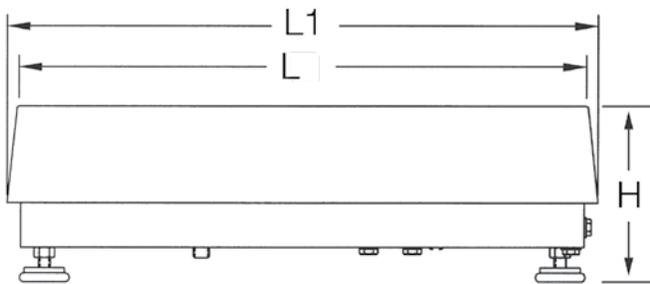
Options/Accessories

Part #	Description	Price
N/A	Ball transfer and roller conveyor top	See end of section for details
112044	12 in column for IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$135.00
112045	18 in column for IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$180.00
64576	Attachment bracket for IQ plus® 210, 420 plus, 320IS (without battery option), 320IS Plus (without battery option) and 480 Legend	\$51.50
22125	Additional operating manual	\$5.25

Dimensions

Part #	Capacity	Platform Size (L x W)	L1	W1	H
186222	50 lb (25 kg)	12 x 18 in	12.50 in	18.50 in	4.00 in
186223	100 lb (50 kg)	12 x 18 in	12.50 in	18.50 in	4.00 in
18591	50 lb (25 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18593	100 lb (50 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18595	150 lb (75 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18597	200 lb (100 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18599	250 lb (125 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18601	300 lb (150 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18603	500 lb (250 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18605	1,000 lb (500 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
18607	50 lb (25 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18609	100 lb (50 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18611	150 lb (75 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18613	200 lb (100 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18615	250 lb (125 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18617	300 lb (150 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18619	500 lb (250 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18621	1,000 lb (500 kg)	18 x 24 in	24.75 in	18.75 in	5.25 in
18623	100 lb (50 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18625	150 lb (75 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18627	200 lb (100 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18629	250 lb (125 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18631	300 lb (150 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18633	500 lb (250 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in
18635	1,000 lb (500 kg)	24 x 24 in	24.75 in	24.75 in	5.25 in

Note: 1 in=25.4 mm



BenchMark™

HE Series



APPROVALS



Measurement
Canada
Approved



Specifications

Load Cell, NTEP Certified:

IP69K Stainless steel, hermetically sealed, IP69K

Output Impedance:

1,000 Ω

Maximum Overload:

150-200% depending on capacity

Overload Protection:

Five-point, independently adjusted

Cable Length:

10 ft (3 m)

Compensated Temperature Range:

14° F to 104° F (-10° C to 40° C)

Warranty:

Three-year limited warranty
(includes water ingress)

Approvals:

NTEP CC 95-072, Class III, 5,000 d,

Measurement Canada AM-5082, Class III, 5,000 d

Standard Features

- 304 stainless steel frame and cover
- LifeGuard™ base design isolates load cell from overloads and shock loads for added durability
- Specially designed adjustable support feet provide exceptional traction and will not scratch surfaces

Part Number/Price

Part #	Capacity	Platform Dimensions	Est. Weight	Price
186897	50 lb	12 x 18 x 4.00 in	37 lb	\$1,270.00
186898	100 lb	12 x 18 x 4.00 in	37 lb	\$1,270.00
86952	50 lb	18 x 18 x 5.25 in	68 lb	\$1,615.00
86953	100 lb	18 x 18 x 5.25 in	68 lb	\$1,615.00
86954	150 lb	18 x 18 x 5.25 in	68 lb	\$1,615.00
86955	200 lb	18 x 18 x 5.25 in	68 lb	\$1,615.00
86956	250 lb	18 x 18 x 5.5 in	68 lb	\$1,770.00
86957	300 lb	18 x 18 x 5.5 in	68 lb	\$1,770.00
86958	500 lb	18 x 18 x 5.5 in	68 lb	\$1,920.00
86959	1,000 lb	18 x 18 x 5.5 in	68 lb	\$1,920.00
86960	50 lb	18 x 24 x 5.5 in	78 lb	\$1,850.00
86961	100 lb	18 x 24 x 5.5 in	78 lb	\$1,850.00
86962	150 lb	18 x 24 x 5.5 in	78 lb	\$1,850.00
86963	200 lb	18 x 24 x 5.5 in	78 lb	\$1,850.00
86964	250 lb	18 x 24 x 5.5 in	78 lb	\$2,010.00
86965	300 lb	18 x 24 x 5.5 in	78 lb	\$2,010.00
86966	500 lb	18 x 24 x 5.5 in	78 lb	\$2,290.00
86967	1,000 lb	18 x 24 x 5.5 in	78 lb	\$2,290.00
86968	100 lb	24 x 24 x 5.5 in	84 lb	\$2,190.00
86969	150 lb	24 x 24 x 5.5 in	84 lb	\$2,190.00
86970	200 lb	24 x 24 x 5.5 in	84 lb	\$2,190.00
86971	250 lb	24 x 24 x 5.5 in	84 lb	\$2,350.00
86972	300 lb	24 x 24 x 5.5 in	84 lb	\$2,350.00
86973	500 lb	24 x 24 x 5.5 in	84 lb	\$2,430.00
86974	1,000 lb	24 x 24 x 5.5 in	84 lb	\$2,430.00

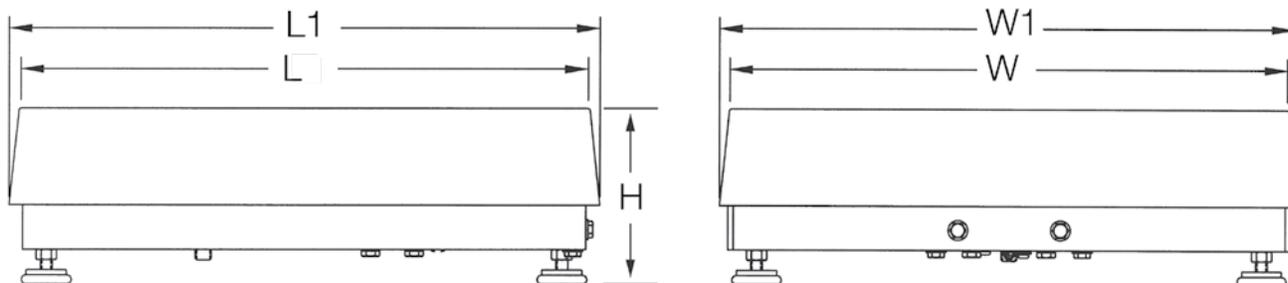
Options/Accessories

Part #	Description	Price
N/A	Ball transfer and roller conveyor top	See end of section for details
112044	12 in column for IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$135.00
112045	18 in column for IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$180.00
64576	Attachment bracket for IQ plus® 210, 420 plus, 320IS (without battery option), 320IS Plus (without battery option) and 480 Legend	\$51.50
22125	Additional operating manual	\$5.25

Dimensions

Part #	Capacity	Platform Size (L x W)	L1	W1	H
186897	50 lb (25 kg)	12 x 18 in	12.50 in	18.50 in	4.00 in
186898	100 lb (50 kg)	12 x 18 in	12.50 in	18.50 in	4.00 in
86952	50 lb (25 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
86953	100 lb (50 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
86954	150 lb (75 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
86955	200 lb (100 kg)	18 x 18 in	18.75 in	18.75 in	5.25 in
86956	250 lb (125 kg)	18 x 18 in	18.75 in	18.75 in	5.5 in
86957	300 lb (150 kg)	18 x 18 in	18.75 in	18.75 in	5.5 in
86958	500 lb (250 kg)	18 x 18 in	18.75 in	18.75 in	5.5 in
86959	1,000 lb (500 kg)	18 x 18 in	18.75 in	18.75 in	5.5 in
86960	50 lb (25 kg)	18 x 24 in	24.75 in	18.75 in	5.5 in
86961	100 lb (50 kg)	18 x 24 in	24.75 in	18.75 in	5.5 in
86962	150 lb (75 kg)	18 x 24 in	24.75 in	18.75 in	5.5 in
86963	200 lb (100 kg)	18 x 24 in	24.75 in	18.75 in	5.5 in
86964	250 lb (125 kg)	18 x 24 in	24.75 in	18.75 in	5.5 in
86965	300 lb (150 kg)	18 x 24 in	24.75 in	18.75 in	5.5 in
86966	500 lb (250 kg)	18 x 24 in	24.75 in	18.75 in	5.5 in
86967	1,000 lb (500 kg)	18 x 24 in	24.75 in	18.75 in	5.5 in
86968	100 lb (50 kg)	24 x 24 in	24.75 in	24.75 in	5.5 in
86969	150 lb (75 kg)	24 x 24 in	24.75 in	24.75 in	5.5 in
86970	200 lb (100 kg)	24 x 24 in	24.75 in	24.75 in	5.5 in
86971	250 lb (125 kg)	24 x 24 in	24.75 in	24.75 in	5.5 in
86972	300 lb (150 kg)	24 x 24 in	24.75 in	24.75 in	5.5 in
86973	500 lb (250 kg)	24 x 24 in	24.75 in	24.75 in	5.5 in
86974	1,000 lb (500 kg)	24 x 24 in	24.75 in	24.75 in	5.5 in

Note: 1 in=25.4 mm



NEW BenchMark™ HE-X

Hostile Environment Extreme Bench Scale



APPROVALS



Specifications

Load Cell, NTEP Certified:

IP69K Stainless steel, hermetically sealed

Output Impedance:

1,000 Ω

Maximum Overload:

150-200% depending on capacity

Overload Protection:

Five-point, independently adjusted

Cable Length:

10ft (3m)

Compensated Temperature Range:

14° F to 104° F (-10° C to 40° C)

Warranty:

Three-year limited warranty (includes water ingress)

Approvals:

FM

Standard Features

- Rugged washdown design, rigid 304 stainless steel frame and cover constructed with continuous welds
- Four adjustable stainless steel support feet
- Stainless steel IP69K load cell
- Meets Sanitary Design Principles

Part Number/Price

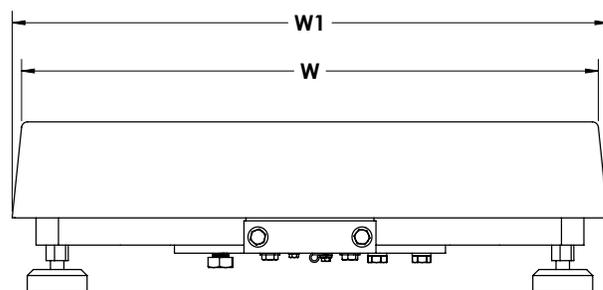
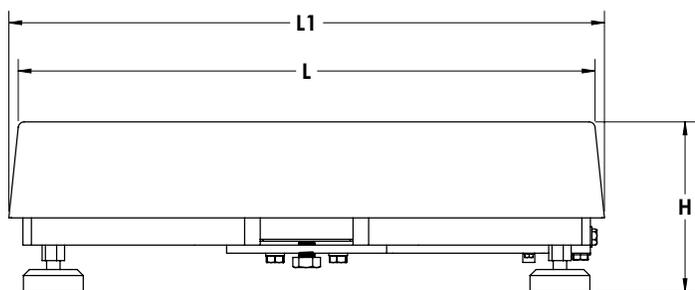
Part #	Capacity	Platform Dimensions	Est. Weight	Price
192346	50 lb	12 x 18 x 5.25 in	59 lb	\$2,300.00
192347	100 lb	12 x 18 x 5.25 in	59 lb	\$2,300.00
191455	50 lb	18 x 18 x 5.25 in	73 lb	\$2,450.00
191456	100 lb	18 x 18 x 5.25 in	73 lb	\$2,450.00
191457	150 lb	18 x 18 x 5.25 in	73 lb	\$2,450.00
191458	200 lb	18 x 18 x 5.25 in	73 lb	\$2,450.00
191459	250 lb	18 x 18 x 5.25 in	73 lb	\$2,450.00
191460	300 lb	18 x 18 x 5.25 in	73 lb	\$2,450.00
191461	500 lb	18 x 18 x 5.25 in	73 lb	\$2,450.00
191462	1,000 lb	18 x 18 x 5.25 in	73 lb	\$2,450.00
191467	50 lb	18 x 24 x 5.25 in	90 lb	\$2,650.00
191469	100 lb	18 x 24 x 5.25 in	90 lb	\$2,650.00
191470	150 lb	18 x 24 x 5.25 in	90 lb	\$2,650.00
191472	200 lb	18 x 24 x 5.25 in	90 lb	\$2,650.00
191473	250 lb	18 x 24 x 5.25 in	90 lb	\$2,650.00
191474	300 lb	18 x 24 x 5.25 in	90 lb	\$2,650.00
191475	500 lb	18 x 24 x 5.25 in	90 lb	\$2,650.00
191476	1,000 lb	18 x 24 x 5.25 in	90 lb	\$2,650.00
191479	100 lb	24 x 24 x 5.25 in	122 lb	\$2,850.00
191480	150 lb	24 x 24 x 5.25 in	122 lb	\$2,850.00
191481	200 lb	24 x 24 x 5.25 in	122 lb	\$2,850.00
191482	250 lb	24 x 24 x 5.25 in	122 lb	\$2,850.00
191483	300 lb	24 x 24 x 5.25 in	122 lb	\$2,850.00
191485	500 lb	24 x 24 x 5.25 in	122 lb	\$2,850.00
191486	1,000 lb	24 x 24 x 5.25 in	122 lb	\$2,850.00

Options/Accessories

Part #	Description	Price
N/A	Ball transfer and roller conveyor top	See end of section for details
112044	12 in column for IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$135.00
112045	18 in column for IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 420 plus®, CW-90, CW-90X and 480 Legend	\$180.00

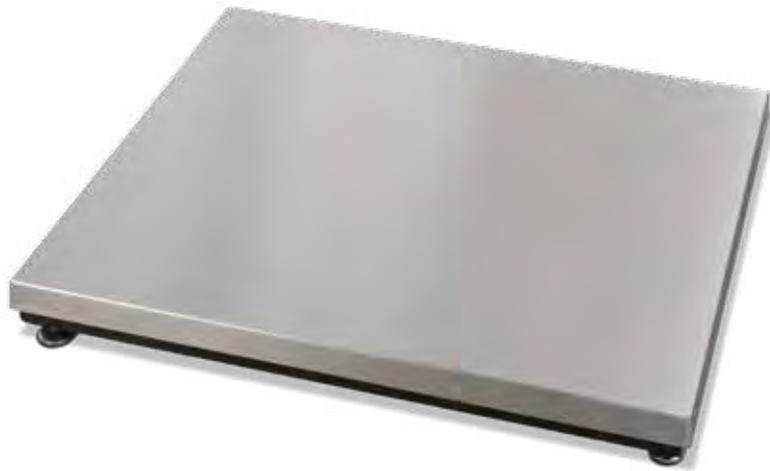
Dimensions

Part #	Capacity	Platform Size (L x W)	L1	W1	H
192346	50 lb	12 x 18 in	12.50 in	18.50 in	5.25 in
192347	100 lb	12 x 18 in	12.50 in	18.50 in	5.25 in
191455	50 lb	18 x 18 in	18.75 in	18.75 in	5.25 in
191456	100 lb	18 x 18 in	18.75 in	18.75 in	5.25 in
191457	150 lb	18 x 18 in	18.75 in	18.75 in	5.25 in
191458	200 lb	18 x 18 in	18.75 in	18.75 in	5.25 in
191459	250 lb	18 x 18 in	18.75 in	18.75 in	5.25 in
191460	300 lb	18 x 18 in	18.75 in	18.75 in	5.25 in
191461	500 lb	18 x 18 in	18.75 in	18.75 in	5.25 in
191462	1,000 lb	18 x 18 in	18.75 in	18.75 in	5.25 in
191467	50 lb	18 x 24 in	18.75 in	24.75 in	5.25 in
191469	100 lb	18 x 24 in	18.75 in	24.75 in	5.25 in
191470	150 lb	18 x 24 in	18.75 in	24.75 in	5.25 in
191472	200 lb	18 x 24 in	18.75 in	24.75 in	5.25 in
191473	250 lb	18 x 24 in	18.75 in	24.75 in	5.25 in
191474	300 lb	18 x 24 in	18.75 in	24.75 in	5.25 in
191475	500 lb	18 x 24 in	18.75 in	24.75 in	5.25 in
191476	1,000 lb	18 x 24 in	18.75 in	24.75 in	5.25 in
191479	100 lb	24 x 24 in	24.75 in	24.75 in	5.25 in
191480	150 lb	24 x 24 in	24.75 in	24.75 in	5.25 in
191481	200 lb	24 x 24 in	24.75 in	24.75 in	5.25 in
191482	250 lb	24 x 24 in	24.75 in	24.75 in	5.25 in
191483	300 lb	24 x 24 in	24.75 in	24.75 in	5.25 in
191485	500 lb	24 x 24 in	24.75 in	24.75 in	5.25 in
191486	1,000 lb	24 x 24 in	24.75 in	24.75 in	5.25 in



BenchMark™ LP

Low Profile Bench Scales



 Ideal for Aviation Weighing. A complete system can be sold with the Tracer® AV. Reference Aviation section for specifications.

Specifications

Load Cell:

IP65 Aluminum

Load Cell, Rated Output:

1.0 mV/V ±10%

End Load Capacity:

60% of full scale capacity

Cable Length:

20 ft (6.1 m) for connecting junction box to indicator

Warranty:

Two-year limited warranty

Approvals:

NTEP CC 08-017, Class III 5,000 d
(except 1000 lb capacity)

Measurement Canada AM 5660, Class III 5,000 d
(except 500 kg capacity)

Standard Features

- Mild steel base construction
- 304 stainless steel cover
- ABS junction box
- Four planar beam load cells
- Adjustable leveling feet
- 20 ft of EL147 load cell cable
- Holes in lower frame for mounting scale without adjustable leveling feet

APPROVALS



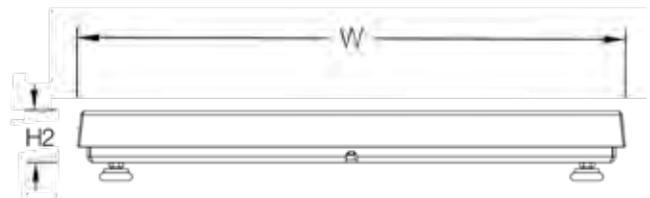
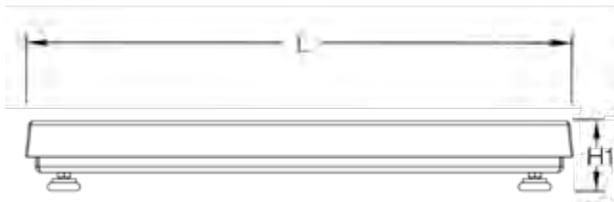
Measurement
Canada
Approved

Part Number/Price

Part #	Capacity	Platform Dimensions (L x W x H)	Est. Weight	Price
97662	100 lb (50 kg)	18 x 18 x 2.63 in (1.67 in*)	75 lb	\$1,120.00
97663	250 lb (125 kg)	18 x 18 x 2.50 in (1.74 in*)	85 lb	\$1,145.00
97664	500 lb (250 kg)	18 x 18 x 2.69 in (1.93 in*)	85 lb	\$1,170.00
97665	100 lb (50 kg)	24 x 24 x 2.66 in (1.69 in*)	85 lb	\$1,340.00
97666	250 lb (125 kg)	24 x 24 x 2.83 in (2.07 in*)	100 lb	\$1,365.00
97667	500 lb (250 kg)	24 x 24 x 3.02 in (2.26 in*)	100 lb	\$1,390.00
97668	500 lb (250 kg)	30 x 30 x 3.02 in (2.26 in*)	150 lb	\$1,600.00
97669**	1,000 lb (500 kg)	30 x 30 x 3.47 in (2.70 in*)	190 lb	\$1,655.00
97670	500 lb (250 kg)	36 x 36 x 3.02 in (2.26 in*)	175 lb	\$2,100.00
97671**	1,000 lb (500 kg)	36 x 36 x 3.47 in (2.70 in*)	175 lb	\$2,150.00

*Height without adjustable leveling feet

** Non-NTEP or Measurement Canada Approved



Specifications

Load Cell, NTEP Certified:

IP67 Aluminum, environmentally sealed

Output Impedance:

350 Ω

Maximum Overload:

200%

Overload Protection:

Five-point, independently adjusted

Cable Length:

10 ft (3 m)

Compensated Temperature Range:

14° F to 104° F (-10° C to 40° C)

Warranty:

Two-year limited warranty

Approvals:

NTEP CC 06-010, Class III 5,000 d

Measurement Canada AM-5625, Class III 5,000 d



Ideal for Aviation Weighing. A complete system can be sold with the Tracer® AV. Reference Aviation section for specifications.

Standard Features

- Heavy-duty designed mild steel base construction with 304 stainless steel cover
- Polyurethane rubber leveling feet with stainless steel stems

APPROVALS



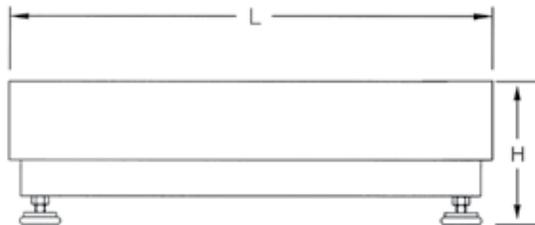
Measurement
Canada
Approved



Part Number/Price

Part #	Capacity	Platform Dimensions (L x W x H)	Est. Weight	Price
93414	250 lb (125 kg)	30 x 30 x 8.75 in	300 lb	\$1,760.00
93415	500 lb (225 kg)	30 x 30 x 8.75 in	300 lb	\$1,760.00
93416	250 lb (125 kg)	36 x 36 x 8.75 in	330 lb	\$2,135.00
93417	500 lb (225 kg)	36 x 36 x 8.75 in	330 lb	\$2,135.00

Consult factory for modifications for airport baggage scales.



BenchMark™ HDP

Portable Heavy Duty Bench Scales



Ideal for Aviation Weighing. A complete system can be sold with the Tracer® AV. Reference Aviation section for specifications.

Specifications

- Load Cell, NTEP Certified:**
IP67 Aluminum, environmentally sealed
- Output Impedance:**
350 Ω
- Maximum Overload:**
200%
- Overload Protection:**
Five-point, independently adjusted
- Cable Length:**
10 ft (3 m)
- Compensated Temperature Range:**
14° F to 104° F (-10° C to 40° C)
- Warranty:**
Two-year limited warranty
- Approvals:**
NTEP CC 06-010, Class III 5,000 d
Measurement Canada AM-5625, Class III 5,000 d

Standard Features

- Mild steel base construction
- 304 stainless steel cover
- Indicator stand for mounting IQ plus 390-DC, IQ plus 590-DC and 480/482 Legend™ Series
- Wheel model
- Polyurethane rubber leveling feet with stainless steel stems
- 8 in diameter preformed rubber wheels with ball bearings
- Caster model
- 3 1/2 in diameter preformed rubber casters, two fixed, two swivel with lock

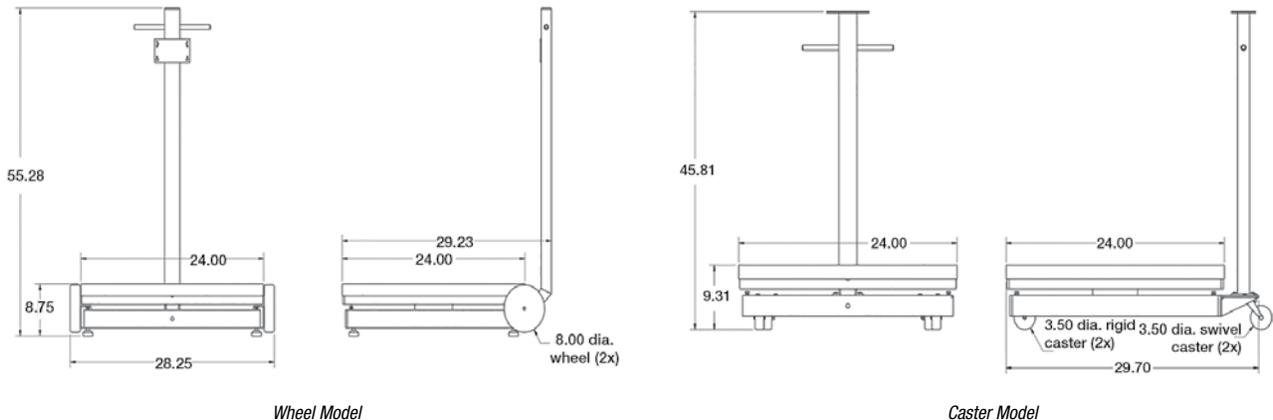
APPROVALS



Measurement
Canada
Approved

Part Number/Price

Part #	Capacity	Platform Dimensions	Est. Weight	Price
Wheel Model				
97072	250 lb (125 kg)	24 x 24 x 8.75 in	275 lb	\$1,760.00
97073	500 lb (225 kg)	24 x 24 x 8.75 in	275 lb	\$1,760.00
Caster Model				
97074	250 lb (125 kg)	24 x 24 x 9.31 in	290 lb	\$1,760.00
97075	500 lb (225 kg)	24 x 24 x 9.31 in	290 lb	\$1,760.00



Specifications

Display:

Six-digit (seven-segment), LCD
Character height: 1 in (25.4 mm)

Keyboard:

Zero, tare, on/off, unit (lb/kg)
NOTE: oz version only displays weight in oz

Power:

Two dry cell D type batteries* (up to 500 hours)
or AC adapter
Auto power-off function (can be set to 60 min.,
20 min., or off)

Divisions (Auto Ranging):

100 oz: 0.05 oz from 0–50 oz, 0.1 oz from 50–100 oz
6 lb (3 kg): 0.002 lb (0.001 kg) from 0–3 lb (0–1.5 kg),
0.005 lb (0.002 kg) from 3–6 lb (1.5–3 kg)
15 lb (6 kg): 0.005 lb (0.002 kg) from 0–6 lb (0–3 kg),
0.01 lb (0.005 kg) from 6–15 lb (3–6 kg)
30 lb (15 kg): 0.01 lb (0.005 kg) from 0–15 lb
(0–7.5 kg), 0.02 lb (0.01 kg) from 15–30 lb (7.5–15 kg)
60 lb (30 kg): 0.02 lb (0.01 kg) from 0–30 lb (0–15 kg),
0.05 lb (0.02 kg) from 30–60 lb (15–30 kg)

Operational Temperature:

23° F to 104° F (-5° C to 40° C)

Platter Size:

100 oz (3 kg): 9.1 x 7.8 in (231 x 198.1 mm)
6 lb (3 kg): 9.1 x 7.8 in (231 x 198.1 mm)
15 lb (6 kg): 9.1 x 7.8 in (231 x 198.1 mm)
30 lb (15 kg): 11 x 11.5 in (279.4 x 292.1 mm)
60 lb (30 kg): 11 x 11.5 in (279.4 x 292.1 mm)

Warranty:

One-year limited warranty

Approvals:

NTEP Certified CC 02-139, Class III
0-30 lb 1,500 d; 60 lb 1,200 d; 0-100 oz 1,000 d
UL listed

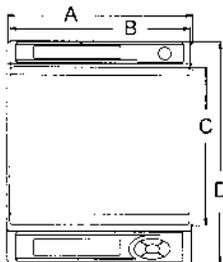


iPC with dual display

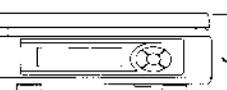
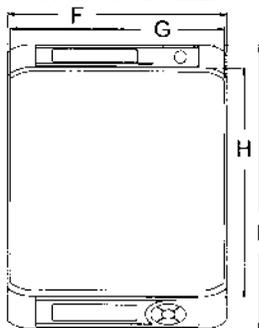
Standard Features

- Six-digit liquid crystal display (LCD)
- Powered by two D cell batteries (up to 500 hours operation)
- Auto power-off function
- Low battery indicator
- Overload stops
- Batteries and AC adapter not included

APPROVALS



iPC 9.1" x 7.8" platter



iPC 11" x 11.5" platter

Part Number/Price

Part #	Capacity	Platform Dimensions	Est. Weight	Price
Single Display				
75466	100 oz	9.1 x 7.8 in	6 lb	\$250.00
Single Display, Multi-ranging				
75454	6 lb (3 kg)	9.1 x 7.8 in	6 lb	\$250.00
75455	15 lb (6 kg)	9.1 x 7.8 in	6 lb	\$250.00
75457	30 lb (15 kg)	11 x 11.5 in	8 lb	\$250.00
75458	60 lb (30 kg)	11 x 11.5 in	8 lb	\$250.00
Dual Display				
75468	100 oz	9.1 x 7.8 in	6 lb	\$270.00
Dual Display, Multi-ranging				
75460	6 lb (3 kg)	9.1 x 7.8 in	6 lb	\$270.00
75461	15 lb (6 kg)	9.1 x 7.8 in	6 lb	\$270.00
75462	30 lb (15 kg)	11 x 11.5 in	8 lb	\$270.00
75464	60 lb (30 kg)	11 x 11.5 in	8 lb	\$270.00

Options/Accessories

Part #	Description	Price
75470	Stainless steel platter cover (100 oz, 6 lb, and 15 lb capacity)	\$25.00
75739	Stainless steel platter cover (30 lb and 60 lb capacity)	\$25.00
75473	AC adapter	\$25.00
75889	Additional operating manual	\$25.00

Dimensions

A	9.3 in (236.2 mm)	F	11.3 in (287 mm)
B	9.1 in (231.1 mm)	G	11 in (279.4 mm)
C	7.8 in (198.1 mm)	H	11.5 in (292.1 mm)
D	11.1 in (281.9 mm)	I	14.3 in (363.2 mm)
E	3.9 in (99.1 mm)	J	4 in (101.6 mm)

Versa-portion®

Compact Scale



Standard Features

- Compact design and easy to use
- Water and dust resistant and IP68
- Stainless steel housing with an ABS plastic base
- Removable weigh pan—quick and easy cleaning
- LED display
- AC adapter included
- Legal for Trade
- Meets HACCP requirements

APPROVALS



Measurement
Canada
Approved

Optional Features:

- Rechargeable battery

Part Number/Price

Part #	Description	Capacity	Est. Weight	Price
115125	RLP-6S	6.00 x 0.002 lb	15 lb (6.3 kg)	\$400.00
115128	RLP-15S	15.00 x 0.005 lb	15 lb (6.3 kg)	\$400.00
115129	RLP-30S	30.00 x 0.01 lb	15 lb (6.3 kg)	\$400.00
115130	RLP-60S	60.00 x 0.02 lb	15 lb (6.3 kg)	\$400.00

Options/Accessories

Part #	Description	Price
108516	Rechargeable battery	\$45.00
108518	AC adapter 110-230 VAC, U.S. plug	\$45.00
129953	AC adapter, 110-230 VAC, Euro plug	\$48.00
115519	Additional operator guide	\$10.00

Specifications

Display:

LED, six-digit

Capacity:

Pound	Gram	Ounce
6.0 lb x 0.002 lb	3,000 g x 1 g	60.0 oz x 0.02 oz
15.0 lb x 0.005 lb	6,000 g x 2 g	150.0 oz x 0.05 oz
30.0 lb x 0.01 lb	15,000 g x 5 g	300.0 oz x 0.1 oz
60.0 lb x 0.02 lb	30,000 g x 10 g	600.0 oz x 0.2 oz

Display Indicators:

Ounces, grams, pounds, net, center of zero, battery usage

Keyboard:

Rezero, Tare, On/Off, Unit

Resolution:

Display resolution: 1/3,000
Internal resolution: 1/90,000

Operating Humidity:

15 ~ 85% RH

Operating Temperature:

14° F to 104° F (-10° C to +40° C)

Power Consumption:

18 W when using DC power,
3 W when using rechargeable battery
(battery life: 60 hours of continuous usage)

Power Source:

AC 117/100 V, 240/230/220 V
DC 12 V/1.5A, DC 6 V 5Ah
optional rechargeable battery

Calibration:

RLP-S: Grams

Dimensions: Overall:

(W x D x H): 9.9 x 11.4 x 5.3 in
(251.6 x 289.7 x 134.6 mm)

Package Size:

(W x D x H): 14.8 x 13.3 x 9.6 in (377 x 337 x 245 mm)

Platter Size:

9.3 x 7.8 in (237.2 x 198.0 mm)

Approximate Weight:

15 lb (6.3 kg)

Warranty:

One-year limited warranty

Approvals:

NTEP CC 10-068, Class III 3,000 d
Measurement Canada AM-5794, Class III 3,000d

Specifications

Capacity:

- IGX 150 lb/60 kg x .05 lb/0.02 kg
- IGX 300 lb/150 kg x .1 lb/0.05 kg
- IGB 150 lb/60 kg x 0.05 lb/0.02 kg
- IGB 300 lb/150 kg x 0.1 lb/0.05 kg

Accuracy:

- Configurable 1/3,000**, 1/6,000, 1/7,500
- **Legal for Trade setting

Display:

- IGX: vacuum fluorescent display (VFD), 25 mm
- IGB: liquid crystal display (LCD), 29 mm

Display Items:

- Weight: five-digits, center of zero, tare, checkweighing: over "H," under "L"

Electrical Power:

- IGX: 120 V
- IGB: D size batteries or optional AC adapter (batteries not included) 500 hour battery life

Operating Temperature:

- 23°F to 109°F (-5°C to 40°C)

Warranty:

- One-year limited warranty

Approvals:

- NTEP CC 05-020, Class III, 3,000 d



Standard Features

- Ability to toggle between lb and kg
- Stainless steel cover with die-cast base
- Checkweighing function
- Configurable display resolution: 1/3,000, 1/6,000, 1/7,500 (NOTE: Legal for Trade setting is 1/3,000)
- 10 PLUs for storing tare, upper limit, lower limit

IGX:

- Display, VFD
- Power, 120 VAC
- Internal buzzer

IGB:

- Display, LCD
- Power, two D-size batteries or optional AC adapter
- Selectable automatic power-off function
- Batteries not included

APPROVALS



Part Number/Price

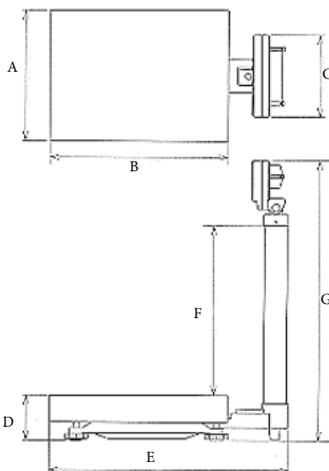
Part #	Capacity	Platform Dimensions	Est. Weight	Price
IGX				
84989	150 lb (60 kg) x 05 lb (0.02 kg)	15.75 x 21.65 x 5.43 in	43 lb	\$795.00
84990	300 lb (150 kg) x 0.1 lb (0.05 kg)	15.75 x 21.65 x 5.43 in	43 lb	\$795.00
IGB				
84991	150 lb (60 kg) x 0.05 lb (0.02 kg)	15.75 x 21.65 x 5.43 in	41 lb	\$695.00
84992	300 lb (150 kg) x 0.1 lb (0.05 kg)	15.75 x 21.65 x 5.43 in	41 lb	\$695.00

Options/Accessories

Part #	Description	Price
75473	AC adapter (IGB only)	\$25.00
86545	Additional operating manual (IGX/IGB)	\$25.00

Drawing Dimensions

A	15.75 in (400 mm)	E	29.06 in (738 mm)
B	21.65 in (550 mm)	F	22.00 in (560 mm)
C	9.84 in (250 mm)	G	33.70 in (856 mm)
D	5.43 in (138 mm)		



BenchPro™ BP-P

Postal Scale



Standard Features

- Simple operation, easy to set up
- Large six-digit backlight LCD display with 1 in (29mm) characters protected by heavy duty tempered glass
- Powered USB HID point of sale interface – kg model only
- Nine-pin RS-232 interface for use with SMA and NCI protocols
- Four AA alkaline battery operation for portability
- Gravitational compensation allows for adjustment of factory calibration to meet your local gravity setting, non-approved

APPROVALS



Measurement
Canada
Approved

Specifications

Dynamic Response:

Response time for stable weight:
0 - 1,000d, 1,000 ms, maximum mean average
1,000d +, 1,500 ms, maximum mean average

Internal Resolution:

500,000 internal count minimum

Overload Protection:

Corner & center overload protection

Power:

In-line Power Supply (included)

Input: 100-240VAC, +10% -15%, 3-wire w/ground
Standard terminated with USA 3-prong plug

Output: 12V at .1 Amps DC minimum

Frequency: 50/60 Hz +/-3 Hz, standard

Power Supply Approvals: UL, CE, EN, CUL

Battery Type: Four AA alkaline batteries, 6V, with low battery indication at 4.3 volts (not included)

Battery Life:

50-250 hrs depending on backlight and auto-shutdown settings

USB HID:

USB 2.0 full speed; Vendor ID: 1C19; Product ID: 0002

Divisions (multi-range):

Kg triple range

0-5 kg x 0.001 kg

0-10 kg x 0.002 kg

0-35 kg x 0.01 kg

Lb/oz dual range

0-7 lb x 0.05 oz

0-70 lb x 0.2 oz

Divisions (multi-interval):

Kg triple interval

0-5 kg x 0.001 kg

5-10 kg x 0.002 kg

10-35 kg x 0.01 kg

Lb/oz dual interval

0-7 lb x 0.05 oz

7-70 lb x 0.2 oz

Construction:

Die-cast aluminum load bridge and base housing with stainless steel weight platter

Display:

Minimum key press life of 500,000 cycles,

ABS plastic housing

6 annunciators to indicate Zero, Gross/Brutto, Net, W1/

W2/W3 multi-range

4 buttons: Units, Tare, On/Off, F1

RS-232 Cable (included):

10 ft DB 9-pin male to female, straight pass through and null modem

USB Cable (included):

46 in (1,168.4 mm) A/B type USB cable

Approvals:

NTEP COC # 17-002

CE

Canada Weights and Measures: AM - 6050

Warranty:

Two-year limited warranty

Part Number/Price

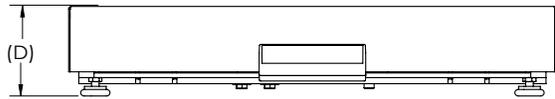
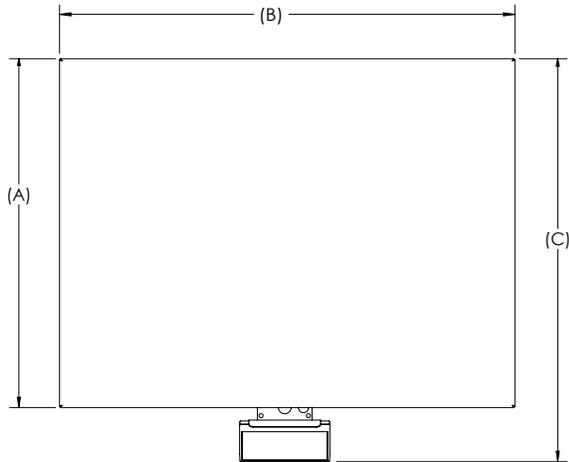
Part #	Platform Capacity	Dimensions	Est. Weight	Price
187832	35 kg triple range	12 x 14 in	18 lb	\$845.00
195741	35 kg triple interval	12 x 14 in	18 lb	\$845.00
192361	70 lb dual range	12 x 14 in	18 lb	\$845.00
195742	70 lb dual interval	12 x 14 in	18 lb	\$845.00

Options/Accessories

Part #	Description	Est. Weight	Price
174783	Column bracket and post (12 x 14 scale only)	2 lb	\$45.00
180901	Second Customer display, BenchPro BP-P no keyboard with 68 in cable	4 lb	\$65.00
174784	Second Remote operator display, BenchPro BP-P with 68 in cable	4 lb	\$80.00
183103	16 in (H) tabletop display post for use with second display, customer or remote operator	4 lb	\$195.00
178501	USB-RS-232 serial adapter 3.28 ft cable	1 lb	\$45.00

Dimensions - Inches

	A	B	C	D
12 x 14	12	14	14.5	2.70



BP-P shown with 183103 and 180901



Shown with 174783

BenchPro™ BP-S

Shipping Bench Scale



Standard Features

- Simple operation, easy to set up
- Large six-digit backlight LCD display with 1 in (29mm) characters protected by heavy-duty tempered glass
- Powered USB HID point of sale interface – plug and play USB interface provides power and communications to popular shipping software programs like FedEx Ship Manager and UPS Worldship
- Nine-pin RS-232 interface for use with USB HID POS, SMA, NCI, 3835, ECR, 8213 and EH
- Four AA alkaline battery operation for portability (BP-S 12 x 14 scale only)
- Gravitational compensation allows for adjustment of factory calibration to meet your local gravity setting, non-approved

APPROVALS



Measurement
Canada
Approved



BP-S 12 x 14 in

Specifications

Dynamic Response:

Response time for stable weight:
0 - 1,000d, 1,000 ms, maximum mean average
1,000d +, 1,500 ms, maximum mean average

Internal Resolution:

500,000 internal count minimum

Overload Protection:

Corner & center overload protection

Power:

In-line Power Supply (included)

Input: 100-240 VAC, +10% -15%, 3-wire w/ground
Standard terminated with USA 3-prong plug

Output: 12V at .1 Amps DC minimum

Frequency: 50/60 Hz +/-3 Hz, standard

Approvals: UL, CE, EN, CUL

Battery Power (BP-S 12 x 14 scale only):

Battery Type: Four AA alkaline batteries, 6V, with low battery indication at 4.3 volts (not included)

Battery Life: 50-250 hrs depending on backlight and auto-shutdown settings

USB HID:

USB 2.0 full speed; Vendor ID: 1C19; Product ID: 0002

Construction:

Powder coat painted mild steel base plate and load bridge with stainless steel weight platter

BP-S 12 x 14 scale - Die-cast aluminum load bridge and base housing with stainless steel weight platter

Display:

Minimum key press life of 500,000 cycles,

ABS plastic housing

6 annunciators to indicate Zero, Gross/Brutto, Net, W1/W2/W3 multi-range

4 buttons: Units, Tare, On/Off, F1

RS-232 Cable (included):

10 ft DB 9-pin male to female, straight pass through and null modem

USB Cable (included):

46 in (1168.4 mm) A/B type USB cable

Approvals:

NTEP COC # 17-002

CE

Canada Weights and Measures: AM - 6050

Warranty:

Two-year limited warranty

Part Number/Price

Part #	Platform Capacity	Dimensions	Est. Weight	Price
174879 *	150 x 0.05 lb (75 x 0.02 kg)	12 x 14 in	17 lb	\$565.00
182993	150 x 0.05 lb (75 x 0.02 kg)	12 x 16 in	31 lb	\$745.00
182391	100 x 0.02 lb (50 x 0.01 kg)	18 x 18 in	63 lb	\$1,095.00
182378	150 x 0.05 lb (75 x 0.02 kg)	18 x 18 in	63 lb	\$1,095.00
182382	300 x 0.1 lb (150 x 0.05 kg)	18 x 18 in	63 lb	\$1,095.00
182395	300 x 0.1 lb (150 x 0.05 kg)	20 x 20 in	76 lb	\$1,295.00
182399	300 x 0.1 lb (150 x 0.05 kg)	24 x 24 in	131 lb	\$1,495.00

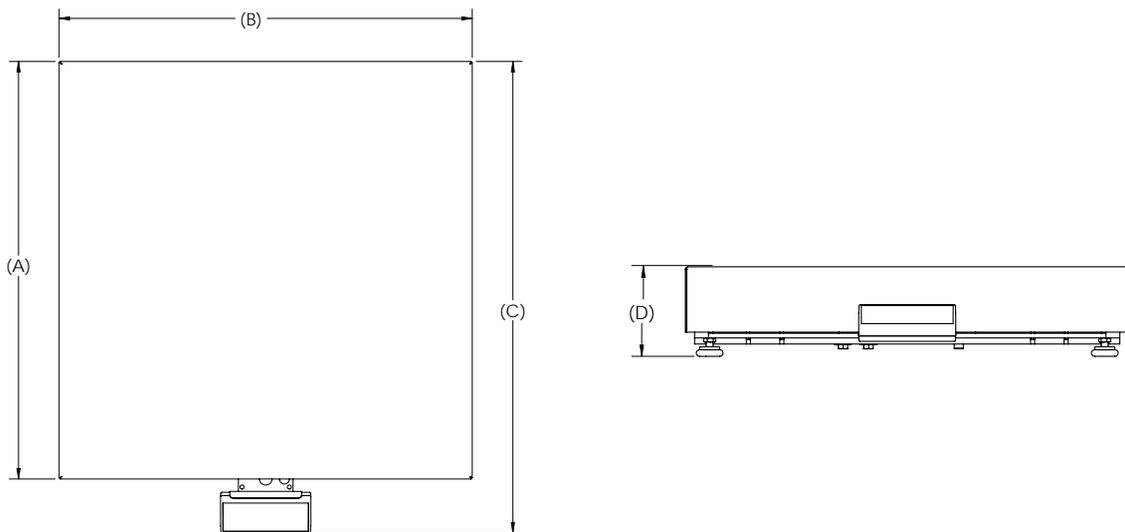
* Battery or DC power

Options/Accessories

Part #	Description	Est. Weight	Price
174783	Column bracket and post (12 x 14 scale only)	2 lb	\$45.00
180901	Second Customer display, BenchPro BP-S no keyboard with 68 in cable	4 lb	\$65.00
174784	Second Remote operator display, BenchPro BP-S with 68 in cable	4 lb	\$80.00
183103	16 in (H) tabletop display post for use with second display, customer or remote operator	4 lb	\$195.00
178501	USB-RS-232 serial adapter	1 lb	\$45.00

Dimensions - Inches

	A	B	C	D
12 x 14	12	14	14.5	2.70
12 x 16	12	16	15.30	4.32
18 x 18	18	18	21.10	4.30
20 x 20	20	20	23.10	4.30
24 x 24	24	24	27.10	4.30



BenchPro™ BP-SB

Shipping Bench Scale with Ball Top Shroud



Standard Features

- Simple operation, easy to set up
- Large six-digit backlight LCD display with 1 in (29 mm) characters protected by heavy-duty tempered glass
- Powered USB HID point of sale interface – plug and play USB interface provides power and communications to popular shipping software programs like FedEx Ship Manager and UPS Worldship
- Nine-pin RS-232 interface for use with USB HID POS, SMA, NCI, 3835, ECR, 8213 and EH
- Gravitational compensation allows for adjustment of factory calibration to meet your local gravity setting, non-approved

APPROVALS



Measurement
Canada
Approved

Specifications

Dynamic Response:

Response time for stable weight:
0 - 1,000d, 1,000 ms, maximum mean average
1,000d +, 1,500 ms, maximum mean average

Internal Resolution:

500,000 internal count minimum

Overload Protection:

Corner & center overload protection

Power:

In-line Power Supply (included)

Input: 100-240 VAC, +10% -15%, 3-wire w/ground
Standard terminated with USA 3-prong plug

Output: 12V at .1 Amps DC minimum

Frequency: 50/60 Hz +/-3 Hz, standard

Approvals: UL, CE, EN, CUL

USB HID:

USB 2.0 full speed; Vendor ID: 1C19; Product ID: 0002

Construction:

Powder coat painted mild steel base plate and load bridge with stainless steel ball top shroud

Display:

Minimum key press life of 500,000 cycles,
ABS plastic housing
6 annunciators to indicate Zero, Gross/Brutto, Net, W1/
W2/W3 multi-range
4 buttons: Units, Tare, On/Off, F1

RS-232 Cable (included):

10 ft DB 9-pin male to female, straight pass through and null modem

USB Cable(included):

46 in (1168.4 mm) A/B type USB cable

Approvals:

NTEP COC # 17-002

CE

Canada Weights and Measures: AM - 6050

Warranty:

Two-year limited warranty

Part Number/Price

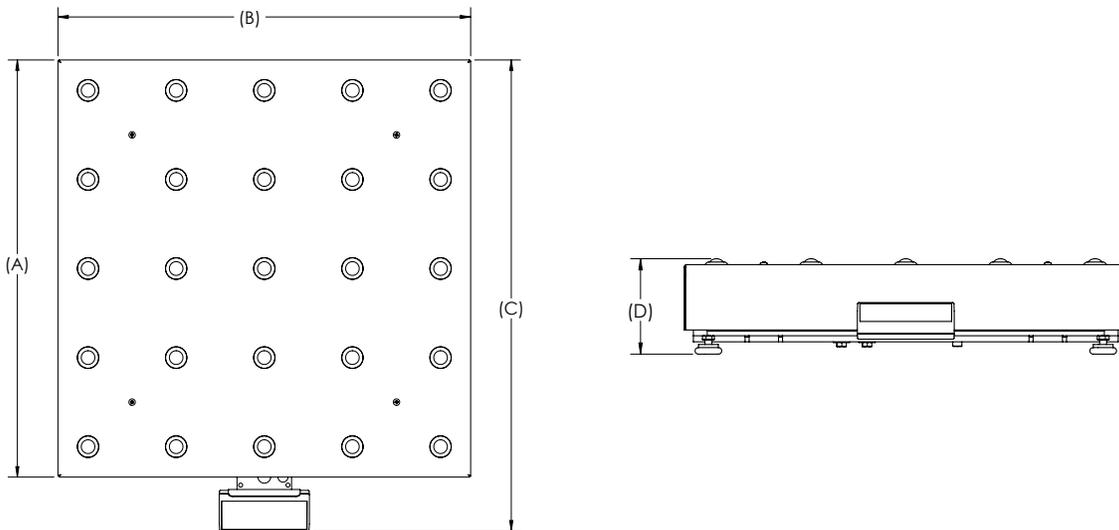
Part #	Capacity	Dimensions	Est. Weight	Price
182995	150 x 0.05 lb (75 x 0.02 kg)	12 x 16 in	37 lb	\$945.00
182393	100 x 0.02 lb (50 x 0.01 kg)	18 x 18 in	73 lb	\$1,445.00
182380	150 x 0.05 lb (75 x 0.02 kg)	18 x 18 in	73 lb	\$1,445.00
182384	300 x 0.1 lb (150 x 0.05 kg)	18 x 18 in	73 lb	\$1,445.00
182397	300 x 0.1 lb (150 x 0.05 kg)	20 x 20 in	88 lb	\$1,595.00
182401	300 x 0.1 lb (150 x 0.05 kg)	24 x 24 in	131 lb	\$1,795.00

Options/Accessories

Part #	Description	Est. Weight	Price
180901	Second Customer display, BenchPro BP-SB no keyboard with 68 in cable	4 lb	\$65.00
174784	Second Remote operator display, BenchPro BP-SB with 68 in cable	4 lb	\$80.00
183103	16 in (H) tabletop display post for use with second display, customer or remote operator	4 lb	\$195.00
178501	USB-RS-232 serial adapter	1 lb	\$45.00

Dimensions - Inches

	A	B	C	D
12 x 16	12	16	15.30	4.32
18 x 18	18	18	21.10	4.86
20 x 20	20	20	23.10	4.86
24 x 24	24	24	27.10	4.86



BenchPro™ BP-SR

Shipping Bench Scale with Roller Conveyor



Standard Features

- Simple operation, easy to set up
- Large six-digit backlight LCD display with 1 in (29mm) characters protected by heavy-duty tempered glass
- Powered USB HID point of sale interface – plug and play USB interface provides power and communications to popular shipping software programs like FedEx Ship Manager and UPS Worldship
- Nine-pin RS-232 interface for use with USB HID POS, SMA, NCI, 3835, ECR, 8213 and EH
- Gravitational compensation allows for adjustment of factory calibration to meet your local gravity setting, non-approved

APPROVALS



Measurement
Canada
Approved

Specifications

Dynamic Response:

Response time for stable weight:
0 - 1,000d, 1,000 ms, maximum mean average
1,000d +, 1,500 ms, maximum mean average

Internal Resolution:

500,000 internal count minimum

Overload Protection:

Corner & center overload protection

Power:

In-line Power Supply (included)

Input: 100-240 VAC, +10% -15%, 3-wire w/ground
Standard terminated with USA 3-prong plug

Output: 12V at .1 Amps DC minimum

Frequency: 50/60 Hz +/-3 Hz, standard

Approvals: UL, CE, EN, CUL

USB HID:

USB 2.0 full speed; Vendor ID: 1C19; Product ID: 0002

Construction:

Powder coat painted mild steel base plate and load bridge with stainless steel roller conveyor

Display:

Minimum key press life of 500,000 cycles,
ABS plastic housing
6 annunciators to indicate Zero, Gross/Brutto, Net, W1/
W2/W3 multi-range
4 buttons: Units, Tare, On/Off, F1

RS-232 Cable (included):

10 ft DB 9-pin male to female, straight pass through and null modem

USB Cable (included):

46 in (1168.4 mm) A/B type USB cable

Approvals:

NTEP COC # 17-002

CE

Canada Weights and Measures: AM - 6050

Warranty:

Two-year limited warranty

Part Number/Price

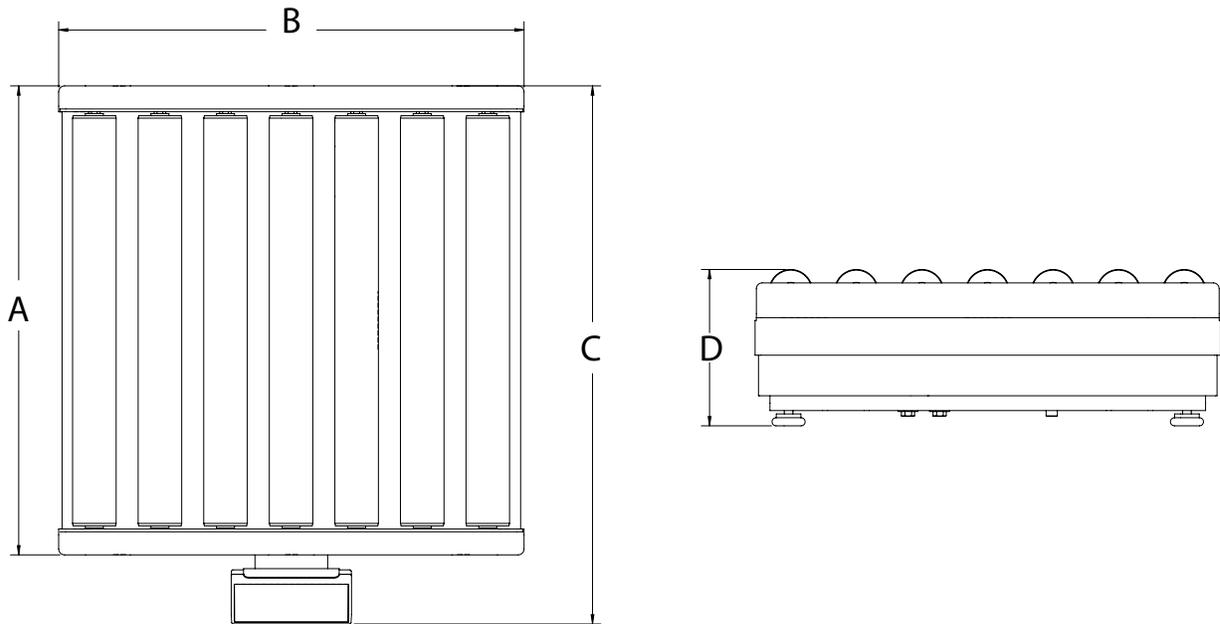
Part #	Platform Capacity	Dimensions	Est. Weight	Price
182996	150 x 0.05 lb (75 x 0.02 kg)	12 x 16 in	41 lb	\$975.00
182394	100 x 0.02 lb (50 x 0.01 kg)	18 x 18 in	77 lb	\$1,445.00
182381	150 x 0.05 lb (75 x 0.02 kg)	18 x 18 in	77 lb	\$1,445.00
182386	300 x 0.1 lb (150 x 0.05 kg)	18 x 18 in	77 lb	\$1,445.00
182398	300 x 0.1 lb (150 x 0.05 kg)	20 x 20 in	94 lb	\$1,595.00
182402	300 x 0.1 lb (150 x 0.05 kg)	24 x 24 in	131 lb	\$1,795.00

Options/Accessories

Part #	Description	Est. Weight	Price
180901	Second Customer display, BenchPro BP-SR no keyboard with 68 in cable	4 lb	\$65.00
174784	Second Remote operator display, BenchPro BP-SR with 68 in cable	4 lb	\$80.00
183103	16 in (H) tabletop display post for use with second display, customer or remote operator	4 lb	\$195.00
178501	USB-RS-232 serial adapter	1 lb	\$45.00

Dimensions - Inches

	A	B	C	D
12 x 16	12	16	15.30	5.95
18 x 18	18	18	21.10	6.50
20 x 20	20	20	23.10	6.50
24 x 24	24	24	27.10	6.50



BenchMark® MSC Mobile Scale Cart



Specifications

- Capacity:**
1,000 lb/500 kg maximum capacity
- Warranty:**
One-year limited warranty

Standard Features

- 2 swivel, locking casters and 2 rigid casters
- Adjustable height
- 18 in indicator stand for mounting CW90/90X, 480/480 Plus, 482/482 Plus

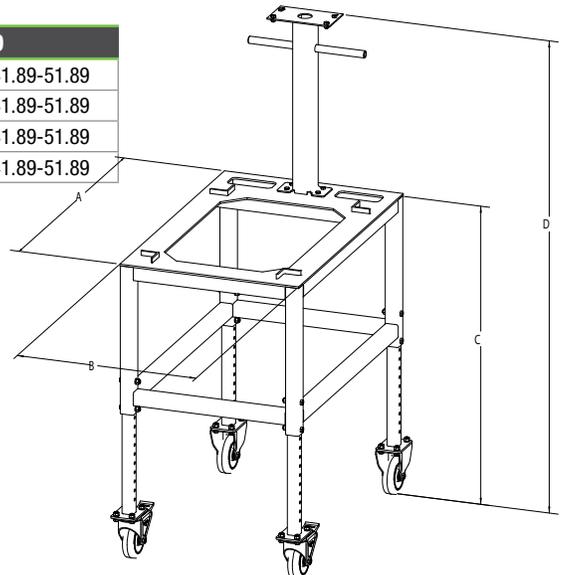
Part Number/Price

Part #	Description	Cart Dimensions (L x W x H)	Est. Weight	Price
Mild Steel				
190201	Designed for 12 x 18 Benchmark	25 x 14 x 41.89-51.89 in (22.78-32.78 in*)	69.75 lb	\$1,035.00
190202	Designed for 18 x 18 Benchmark	25 x 20 x 41.89-51.89 in (22.78-32.78 in*)	83.00 lb	\$1,055.00
190203	Designed for 18 x 24 Benchmark	31 x 20 x 41.89-51.89 in (22.78-32.78 in*)	92.00 lb	\$1,075.00
190204	Designed for 24 x 24 Benchmark	31 x 26 x 41.89-51.89 in (22.78-32.78 in*)	100.00 lb	\$1,095.00
Stainless Steel				
190205	Designed for 12 x 18 Benchmark	25 x 14 x 41.89-51.89 in (22.78-32.78 in*)	70.00 lb	\$1,435.00
190206	Designed for 18 x 18 Benchmark	25 x 20 x 41.89-51.89 in (22.78-32.78 in*)	83.00 lb	\$1,455.00
190207	Designed for 18 x 24 Benchmark	31 x 20 x 41.89-51.89 in (22.78-32.78 in*)	93.00 lb	\$1,475.00
190209	Designed for 24 x 24 Benchmark	31 x 26 x 41.89-51.89 in (22.78-32.78 in*)	101.00 lb	\$1,495.00

*Height of cart without indicator stand
Wheels on standard carts are not conductive. If the end user plans to use the cart with an IS indicator they will need a custom cart quoted with conductive wheels

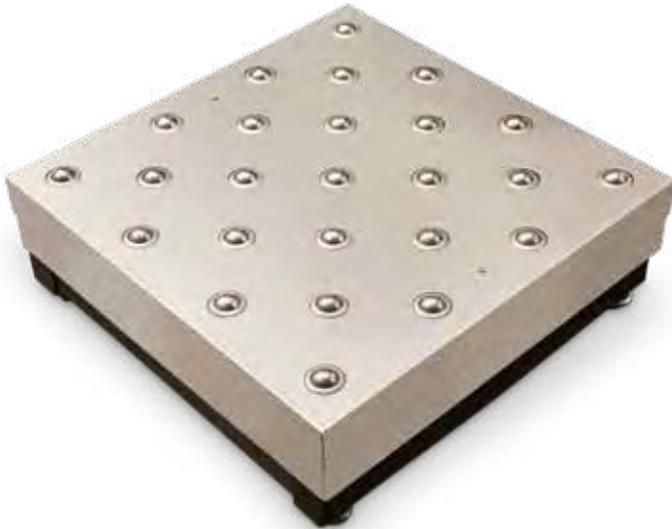
Dimensions - Inches

	A	B	C	D
Designed for 12 x 18 scale	25	14	22.78-32.78	41.89-51.89
Designed for 18 x 18 scale	25	20	22.78-32.78	41.89-51.89
Designed for 18 x 24 scale	31	20	22.78-32.78	41.89-51.89
Designed for 24 x 24 scale	31	26	22.78-32.78	41.89-51.89



Bench Scale Ball Transfer and Roller Conveyor

1. Rice Lake Weighing Systems model number or part number of bench scale _____
2. Dimensions of scale: _____ " L x _____ " W
3. Capacity of scale: _____ lb
4. Dimensions of the smallest box/container to be used with the scale: _____ " L x _____ " W



Ball Transfer

6. Construction of Ball Transfer
 - Steel Ball, Steel Housing Zinc Finish
 - Stainless Steel Ball, Steel Housing Zinc Finish
 - Stainless Steel Ball, Stainless Steel Housing
7. Center to center ball dimension, if known: _____

Ball Transfer with Shroud

6. Construction of Ball Transfer
 - Steel Ball, Steel Housing Zinc Finish
 - Stainless Steel Ball, Steel Housing Zinc Finish
 - Stainless Steel Ball, Stainless Steel Housing
7. Center to center ball dimension, if known: _____

Roller Conveyor

8. Roller Diameter, if known: _____
9. Center to Center Dimension, if known: _____
10. Construction of Rollers
 - Plain Steel
 - Galvanized Steel
 - Aluminum
 - Stainless Steel
7. Direction of roller conveyor, if platform is rectangular shaped (i.e. 18" x 24" scale, please tell us if the rollers should be 18" or 24" long.)

