

BenchPro™ BP-S

Shipping Bench Scale

BENCH SCALES



Approvals



Measurement
Canada
Approved



Part Number/Price

Part #	Platform Capacity	Dimensions	Est. Weight	Price
174879 *	150 × 0.05 lb (75 × 0.02 kg)	12 × 14 in	17 lb	Consult
182993	150 × 0.05 lb (75 × 0.02 kg)	12 × 16 in	31 lb	Consult
182391	100 × 0.02 lb (50 × 0.01 kg)	18 × 18 in	63 lb	Consult
182378	150 × 0.05 lb (75 × 0.02 kg)	18 × 18 in	63 lb	Consult
182382	300 × 0.1 lb (150 × 0.05 kg)	18 × 18 in	63 lb	Consult
182395	300 × 0.1 lb (150 × 0.05 kg)	20 × 20 in	76 lb	Consult
182399	300 × 0.1 lb (150 × 0.05 kg)	24 × 24 in	131 lb	Consult

* Battery or DC power

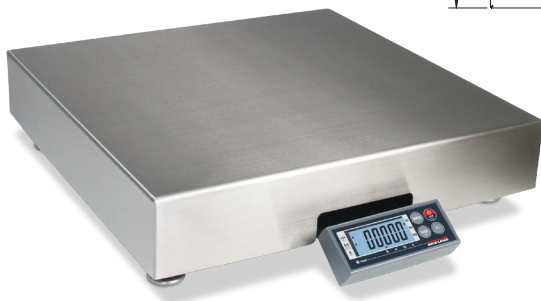
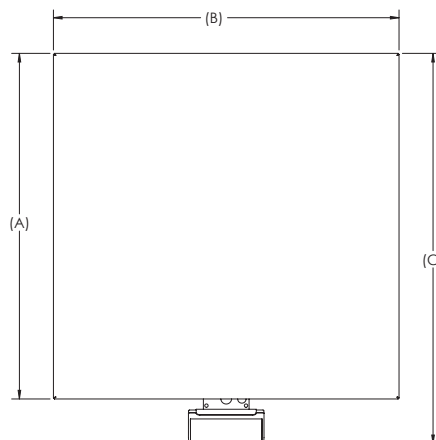
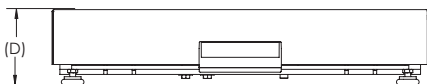
Options/Accessories

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

Dimensions

	A	B	C	D
12 × 14 in	12.00 in	14.00 in	14.50 in	2.70 in
12 × 16 in	12.00 in	16.00 in	15.30 in	4.32 in
18 × 18 in	18.00 in	18.00 in	21.10 in	4.30 in
20 × 20 in	20.00 in	20.00 in	23.10 in	4.30 in
24 × 24 in	24.00 in	24.00 in	27.10 in	4.30 in

Note: 1 in = 25.4 mm



Standard Features

- Simple operation, easy to set up
- Large six-digit backlight LCD display with 1-inch (29 mm) characters protected by heavy-duty tempered glass
- Powered USB HID point of sale interface
- 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
- Compatible with FedEx Ship Manager® and UPS Worldship®

Specifications

Power:

In-line power supply (included)

Input:

100 to 240 VAC, +10% -15%, 3-wire w/ground
Terminated with standard USA 3-prong plug

Battery:

(12 × 14 in scale only)
Four AA alkaline batteries,
6 V, with low battery indication at 4.3 volts

Power Consumption:

12 V at 0.1 amps DC minimum

Frequency:

50/60 Hz ± 3 Hz

Battery Life:

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

Excitation:

3.0 mV/V

Resolution:

Internal: 500,000 counts

USB HID:

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

RS-232 Cable (Included):

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

USB Cable (Included):

46 in (1,168 mm) A/B type USB cable

Dynamic Response:

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

Overload Protection:

Corner and center overload protection

Annunciators:

Six: zero, gross/brutto, net, W1/W2/W3 multi-range

Display:

Large six-digit backlight LCD display with 1-inch (29 mm)
Characters protected by heavy-duty tempered glass

Keys/Buttons:

Four: units, tare, on/off, F1
Minimum key press life of 500,000 cycles

Material:

Display: ABS plastic housing
Scale base: Powder coat painted mild steel base plate and load bridge with stainless steel weight platter
BP-S 12 × 14 in: Die-cast aluminum load bridge and base housing with stainless steel weight platter

Warranty:

Two-year limited

Approvals:

NTEP 17-002
Canada Weights and Measures: AM-6050
CE Marked