

BenchPro™ BP-P Postal Digital Scale

RICE LAKE
WEIGHING SYSTEMS

*As of: Monday, February 17,
2025*



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, 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





WARNING:
Cancer
and
Reproductive
Harm
California
Proposition
65

Multiple Range Postal Scale

The BenchPro BP-P digital postal scale is ideal for small package weighing. The die-cast aluminum housing, stainless steel weigh platter and optional battery-power combine for a light-weight, portable weighing option.

BenchPro BP-P 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

Output:

12 V at 0.1 Amps DC minimum

Frequency:

50/60 Hz \pm 3 Hz

Power supply approvals:

UL, CE, EN, CUL

Battery Type:

Four AA alkaline batteries, 6 V, with low battery indication at 4.3 volts

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

Divisions (multi-range):

kg triple range:

0 to 5 kg \times 0.001 kg

0 to 10 kg \times 0.002 kg

0 to 35 kg \times 0.01 kg

lb/oz dual range:

0 to 7 lb \times 0.05 oz

0 to 70 lb \times 0.2 oz

Divisions (Multi-Interval):

kg triple interval:

0 to 5 kg \times 0.001 kg

5 to 10 kg \times 0.002 kg

10 to 35 kg \times 0.01 kg

Lb/oz dual interval:

0 to 7 lb \times 0.05 oz

7 to 70 lb \times 0.2 oz

Material:

Display: ABS plastic housing
Scale base: Die-cast aluminum load bridge and base housing with stainless steel weight platter

Dynamic Response:

Response time for stable weight:

0 to 1,000d, 1,000 ms, maximum mean average

1,000d +, 1,500 ms, maximum mean average

Overload Protection:

Corner and center overload protection

Display:

Large six-digit backlight LCD display with 1-inch (29 mm)

Characters protected by heavy-duty tempered glass

Annunciators:

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

Keys/Buttons:

Three: units, on/off, F1 (Tare is not applicable)

Minimum key press life of 500,000 cycles

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

Warranty:

Two-year limited

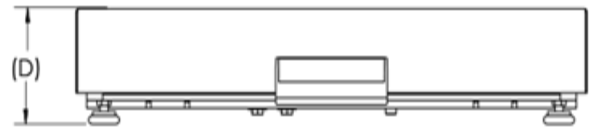
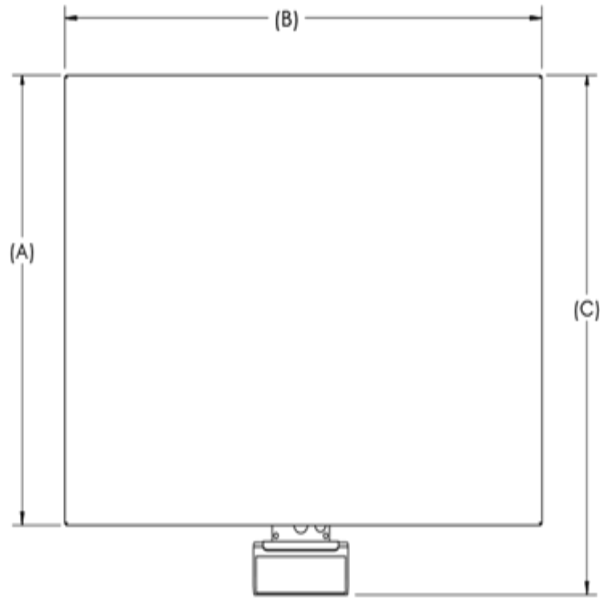
Approvals:

NTEP 17-002

Canada Weights and Measures: AM-6050

CE Marked

BenchPro BP-P Dimensions



Dimensions			
A	12.00 in	C	14.50 in
B	14.00 in	D	2.70 in
<i>Note: 1 in = 25.4 mm</i>			

Parts

Part #	Description
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187832	Scale, BenchPro Series Model BP-P 1214-35kg capacity triple range Scale with Stainless Steel Weight platter
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195741	Scale, BenchPro Series Model BP-P 1214-35kg capacity triple interval Scale with Stainless Steel Weight platter
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192361	Scale, BenchPro Series Model BP-P 1214-70lb capacity dual range Scale with Stainless Steel Weight platter
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195742	Scale, BenchPro Series Model BP-P 1214-70lb capacity dual interval Scale with Stainless Steel Weight platter
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Options

Part #	Description
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174783	Bracket and Post, Option Bench Pro Series, Model BP 1214, Height 10 inches
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180901	Display, Customer Bench Pro Series, with 68in cable and capacity labels
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174784	Remote Display, Bench Pro Series, with 68in cable and capacity labels 53YJ90
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183103	Mount, Display Bench Pro Scale 16in Stand
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178501	Adapter, USB Serial FTDI US232R-100, 3.28 ft, iDim Series for use with RLWS indicator and Postal Scales
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Replacement Parts

Part #	Description
174782	Power Supply,BenchPro Series with US power cord, 2.1mm bayonet
179191	Primary Display,18in cbl Series, Model BP 1214
174786	Cable, USB 2.0 4ft USB A-Male to USB B-Male, BenchPro Series
197759	Cable,RS232 DB9M To DB9F Straight Cable 10ft (3000mm +/-30mm) BenchPro
179648	PCB,Main BenchPro Series includes Postal software
179185	Foot Assy,BenchPro Series Model BP 1214
182416	Control,Main PCB Postal Assembly PCB Board and Cover, Bench Pro Scales
214462	Screw, Seal, SS-2320, for bench pro series

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