

# BenchPro™ Series

MULTI-PURPOSE DIGITAL  
BENCH SCALE



**CERTIFIED SCALE, INC.**  
INDUSTRIAL & LABORATORY WEIGHING SOLUTIONS

WWW.CERTIFIEDSCALE.COM | 262.781.9290

# BenchPro™ Series

MULTI-PURPOSE DIGITAL BENCH SCALE

## A Bench Scale for Every Application

### Diverse Digital Scales

The BenchPro Series family of digital bench scales is ideal for many industries and markets around the world. As a multi-purpose scale, BenchPro scales offer numerous benefits, including the ability to tare containers, zero and change units of measure.

### Find the Best Fit

A variety of scale sizes and capacities assures the right scale for each application. Scale sizes range from 6 x 10 inches to 24 x 24 inches, and capacities from 15 pounds to 300 pounds.

### Compact Portability

BenchPro scales offer the convenience of portability and cable management by operating on AC, USB HID POS interface or four AA batteries (model dependent).

## Postal

The multi-range and multi-interval BenchPro scale is ideal for postal applications. From small, lightweight envelopes to larger packages, BenchPro postal scales accurately weigh each package while easily integrating into a small mailroom.



*Model BP 1214  
with plastic shroud*

## Shipping and Logistics

In shipping environments, BenchPro is ideal for capturing weights of outgoing packages and parcels. BenchPro handles most standard packages with its variety of model capacities and offers a large scale base with optional roller, ball top or mild steel top weight platter.



*Model BP 1818  
with roller conveyor*

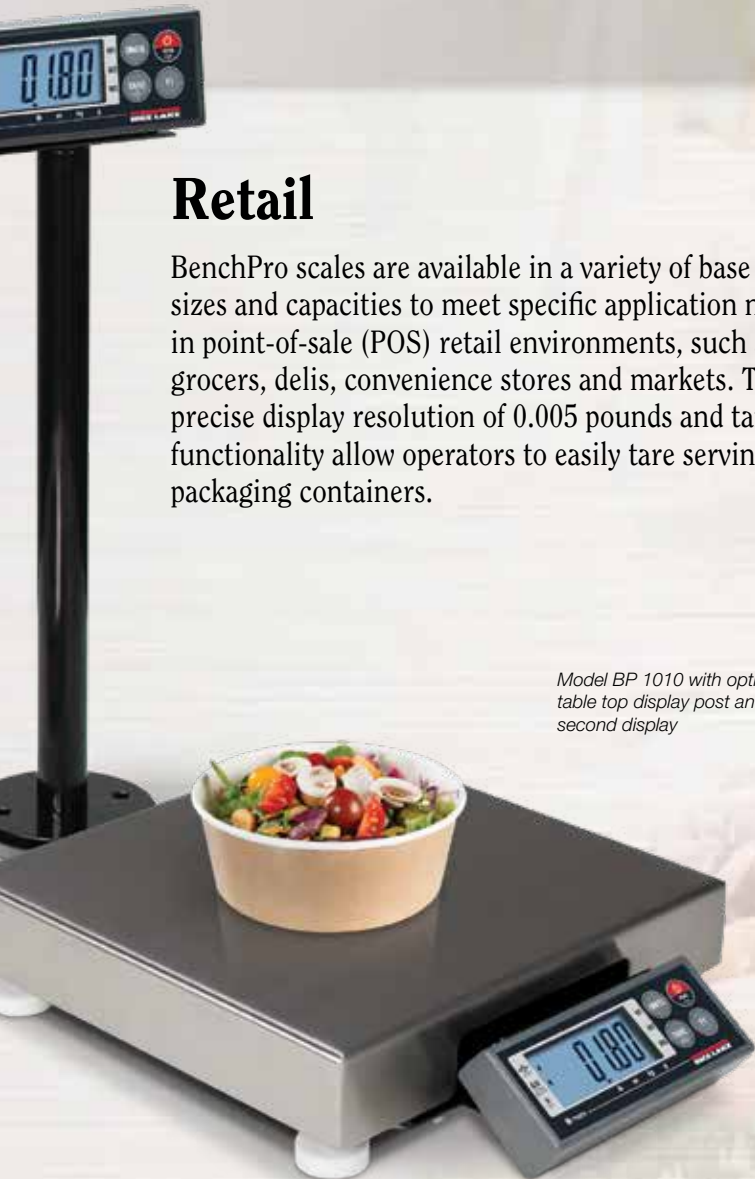


*Model BP 1818*

## Retail

BenchPro scales are available in a variety of base sizes and capacities to meet specific application needs in point-of-sale (POS) retail environments, such as grocers, delis, convenience stores and markets. The precise display resolution of 0.005 pounds and tare functionality allow operators to easily tare serving and packaging containers.

*Model BP 1010 with optional table top display post and second display*



*Large 1 inch configurable backlight setting*

## Display Technology

BenchPro scales can be equipped with an additional post mount or table top display to allow both the customer and operator to easily view weight at the time of transaction. The scratch-resistant, tempered glass display keypad provides drop resistance and also repels water, dust and oil for lifetime durability.

*Model BP 1214 with remote display*



*Large 1 inch configurable backlight setting*

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## USB-HID

The BenchPro Series features USB-HID (human interface device) POS protocol that is part of the USB specifications developed by USB Implementers Forum, Inc.® for computer peripherals such as keyboards, mice, displays, scanners and scales. Connecting a BenchPro scale to a PC via USB port automatically installs and loads the appropriate drivers required to communicate with a software program, allowing scale plug and play.

## UPS WorldShip® and FedEx Ship Manager®

Connect a BenchPro to commonly used shipping programs like UPS® and FedEx® via the USB-HID protocol. Other postal and shipping third-party software programs can be connected via the RS-232 port using the BenchPro Series-compatible interface protocols, such as SMA, NCI, 8213, 3835 and more.

## Integrate with Dimensioning

Since shipping environments also heavily rely on dimensional weight, BenchPro scales connect with Rice Lake's iDimension® dimensioning systems to turn a work station into an integrated weight and dimensioning shipping solution.

	Size	Capacity	
<b>Postal</b>	12 x 14 in	70-100 lb	35-50 kg
	12 x 16 in		
<b>Shipping and Logistics</b>	12 x 14 in	70-300 lb	35-150 kg
	12 x 18 in		
	18 x 18 in		
	20 x 20 in		
	24 x 24 in		
<b>Retail</b>	6 x 10 in	15-30 lb	6-15 kg
	10 x 10 in		
	12 x 14 in		

## Specifications

### Dynamic Response:

Response time for stable weight:  
0 - 1000d, 1000 ms, maximum mean average  
1000d+, 1500 ms, maximum mean average

### Overload Protection:

Corner and center overload protection

### Power:

#### In-line Power Supply

**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 1214 Series Only

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

**Battery Life:** Non-backlight and software control for sleep mode, 250 hrs or 80 hrs continuous use, power consumption at 68 mA

### Construction:

**BP Series:** Powder coat painted mild steel base plate and load bridge with optional weight platters

**BP 1214 Series:** Die-cast aluminum load bridge and base housing with optional weight platters

### Display:

Minimum key press life of 500,000 cycles, ABS plastic housing with 6 annunciators  
Dimensions (L x W x D) 5.25 in x 2.21 in x 1.09 in (133.4 mm x 56.1 mm x 27.76 mm)

### USB HID:

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

### Cleaning:

Exterior surfaces are capable of withstanding mild soap and water wipe-down with a wet cloth

### Approvals:

NTEP COC# 17-002

Canada Weights and Measures: AM - 6050

### Warranty:

Two-year limited warranty

## Additional Options

- Roller top conveyor
- Ball top shroud
- Mild steel weight platter
- Stainless steel weight platter
- Operator display with 6ft cord
- Customer display with 6ft cord
- 16 in H table top display post
- Column mount bracket and post (Model BP 1214 only)
- USB RS-232 serial adapter

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Certified Scale Inc.  
N57 W13640 Carmen Avenue  
Menomonee Falls, WI 53051 • USA  
TEL: 262.781.9290  
FAX: 262.781.1867

www.certifiedscale.com