


Brecknell
BCS Series
Crane Scales


EC Machinery Directive


ONE SCALE. TWO CAPACITIES. SMART PRECISION.

By automatically adjusting resolution across two capacity ranges, the BCS Crane Scale ensures accurate weighing whether the load is small or large - without needing multiple scales.

Minimize equipment clutter and boost efficiency with one versatile solution.

BCS Crane Scales provide a durable, practical solution designed for overhead material handling and suspended weighing applications.

Engineered with safety and reliability in mind (EC Machinery Directive approved), this scale features a rugged aluminum die-cast housing, an elongated upper hook, and a rotating shackle with a safety catch to make load attachment easy and secure.

It comes standard with a bright LED display, dual power options (rechargeable battery providing over 60 hours of use or AC power), and Hold / Memory Weight modes for easy record-keeping.

A remote control is included to enhance safety and operator convenience.


Accuracy

± 0.15% at full load


Dual Range Capacity

2,000-6,000 lb x 1-2 lb

6,000-10,000 lb x 2-5 lb

1000-3000 kg x 0.5-1 kg

3000-5000 kg x 1-2 kg


Power

Internal rechargeable battery or AC adapter


Display

1.4" / 35 mm ultra-bright LED with three adjustable brightness levels


Construction

Aluminum-casting case, elongated upper hook, and a rotating shackle with a safety catch (EC approved)


Operator Keys

On/Off, Zero, Tare, Hold, Total. Remote control included.

BCS Series Crane Scales

Specifications

Units: lb or kg

Dual Range Capacity:

BCS3000:

1000-3000 kg x 0.5-1 kg / 2,000-6,000 lb x 1-2 lb

BCS5000:

3000-5000 kg x 1-2 kg / 6,000-10,000 lb x 2-5 lb

Accuracy: +/- 0.15% at full load

Factory Calibration: 39° latitude optimized

Dimension (L x W x H):

10" x 8" x 17" / 255 mm x 210 mm x 440 mm

Power:

Crane: 9VDC power adapter, 1000mA with central positive and 6V/4.0Ah lead acid rechargeable battery (both included)

Remote Control: Two AA batteries (included)

Typical Battery Life: Depends on LED brightness and idle mode setting, battery works from 60 hrs to 200 hrs

Charging Time: Approximately 12 hrs; red charging, green finished

Display: 1.4" / 35 mm ultra-bright LED with three adjustable brightness levels for any environment

Remote Functions: Zero, tare, hold, total

Remote Distance: Maximum 32' / 10 m

Tare Range: 100% F.S.

Zero Range: 4% F.S.

Stable Time: ≤10 sec

Overload Indication: 100% F.S. +9 divisions

Ultimate Safety Factor: 400% F.S.

Safe Working Load (SWL):

BCS3000: 7,937 lb / 3600 kg

BCS5000: 13,228 lb / 6000 kg

Safety Load: Structurally tested to 150% SWL

Shackle and Hook Safety Ratio: 1:4 F.S. of capacity

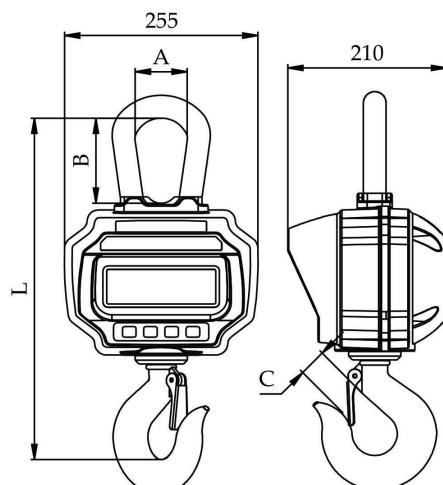
Operating Temperature: 14° F to 104° F / -10° C to 40° C

Shipping Weight: 27.88 lb / 12.65 kg

Packaging Dimension (L x W x H):

23" x 10" x 12" / 600 mm x 270 mm x 310 mm

Agency Approvals: UKCA, CE, RoHS 3, WEEE, UL approved power supply, Prop 65, FCC Compliant, EC Machinery Directive



Model	A	B	C	L	Net Weight
BCS3000	2.67" / 68 mm	4.41" / 112 mm	1.60" / 40 mm	16.54" / 420 mm	24.25 lb / 11.0 kg
BCS5000	2.67" / 68 mm	4.41" / 112 mm	1.77" / 45 mm	17.71" / 450 mm	27.56 lb / 12.5 kg

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