

Brecknell

BCS Series

Crane Scales



EC Machinery Directive

DR
DUAL RANGE
TECHNOLOGY™

**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**

35 mm / 1.4" 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 Electronic 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):

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

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

Remote Functions: Zero, tare, hold, total

Remote Distance: Maximum 10 m / 32'

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: 3600 kg / 7,937 lb

BCS5000: 6000 kg / 13,228 lb

Safety Load: Structurally tested to 150% SWL

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

Operating Temperature:

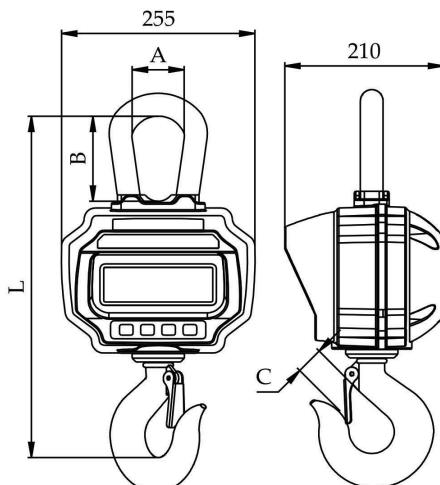
-10° C to 40° C / 14° F to 104° F

Shipping Weight: 12.65 kg / 27.88 lb

Packaging Dimension (L x W x H):

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

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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www.brecknellscales.com

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V3 AWT35-501418