CBC and CBD Counting Scales

Counting scales from Adam Equipment makes the counting process quick and easy. With a number of different models and ranges to choose from, there is a counting scale that can help improve productivity and accuracy for your counting applications.

The CBC series offers intelligent functions that are practical for any counting procedure. The intuitive software is user-friendly, can keep track of your count and automatically optimise the unit weight for greater accuracy. For those more complex counting applications the CBD is the right choice. Use the unit on its own or connected to an external base to increase the capacity / accuracy of your count.

Both the CBC and CBD are packaged into a tough ABS housing with RS-232 interface, stainless steel platforms, non-slip feet and loadcell protection to give you the ultimate performance. From small parts to heavy items Adam Equipment's line of counting scales can make it count.

ADAM

PERFECT BALANCE

Speed, Performance, Value

CBC Series

CBC Highlights:

Internal rechargeable battery with up to 90 hours of operation before needing to be recharged allows the scales to be used where the parts are located thus speeding the process and saving you time.

Large backlit LCD displays with 0.8"/ 20mm digits clearly show weight, unit weight and count.

Bi-directional RS-232 interface with multi-language text on the print out. Real time clock with date and time aids record keeping to increase productivity.

Color coded keypad highlights the most used keys. The large numeric numbers are easy to see and have a positive push feel.

Internal counting accuracy gives a higher resolution to count even the smallest parts. Optimization software automatically adjust the unit weight to give greater accuracy of the count.

CBC scales are designed to meet most counting applications. The CBC offers increased capacities / readability selection to count a larger range of parts.

Features
• Rechargeable battery
• Three backlit LCD displays
• RS-232 interface
• Stainless steel pan
• Adjustable levelling feet
• Level bubble
• Memory accumulation
• Preset tare
• Full numeric keypad
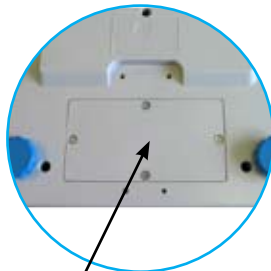• Full range tare
• Overload protection

Applications
• Weighing
• Parts counting
• Count accumulation
• Check counting

All of These Adam Counting Scales Include Valuable Features

Bi-directional RS-232 interface to output the results to a printer or computer

Battery compartment for the internal rechargeable battery with external access when needed

Backlit display shows weight, unit weight and count.

Adam Equipment counting scales are designed to the highest standards to meet your demands. The CBC and CBD scales use high quality loadcells that have been extensively tested and tough ABS cases that will withstand industrial environments, so that you can be assured that inside and out these counting scales will meet your applications head on.

Low profile design with 4 adjustable non-slip feet and level bubble, provide great support, saves counter space and helps improve the readings.

CBD Series

Shown with Optional Base

The CBD offers powerful counting processing in a simple to use and set up scale.

The CBD scales feature a remote scale input that can support external bases with up to 4 loadcells for enhanced counting and weighing functions. Using the second scale you can use the local CBD scale to weigh more accurately, then use the remote base to do a larger count and weight at one time. Or you can set up a remote scale to get a finer increment and use the local scale for the bulk weighing. Either way the CBD gives you the flexibility and control you want so you can count a larger range of parts with one machine and base combination.

Features
- Rechargeable battery
- Second scale port
- 100 PLU memories
- Three backlit LCD displays
- RS-232 interface
- Stainless steel pan
- Adjustable levelling feet
- Level bubble
- Memory accumulation
- Preset counting
- Preset tare
- Full numeric keypad
- Full range tare
- Overload protection

Applications
- Weighing
- Parts counting
- Count accumulation
- Batching
- Check counting
- Second scale weighing
- Second scale counting

CBD Highlights:

Backlit LCD displays with 0.8" / 20mm digits show weight, unit weight and count.

100 product look up memories (PLU's) can be set for the most common parts. Save unit weight, tare weight and a description for easy recall or printing. The scale can print a list of PLU's stored in memory.

Expanded bi-directional RS-232 interface can communicate with printers and computers. Data can be sent to the scale to program the PLU's. Set the RS-232 to print continuously, when the print key is pressed or automatically when a new count has been recorded.

Alpha-numeric keys are easy to read and have a positive push feel. Color coded keypad highlights the most frequently used keys.

For cycle counting or when doing a parts stock check use the pre-set tare - using the full numeric keypad enter a value for a known container, then enter the unit weight and the machine will automatically give you the total count.

Preset count alarm can notify you when a certain count has been reached. Use this feature if you are batching or packing parts to a set quantity.

Technical Specifications

Model	CBC 8a	CBC 16a	CBC 35a	CBC 70a	CBC 100a
Capacity	8lb/4kg	16lb/8kg	35lb/16kg	70lb/32kg	100lb/48kg
Readability	0.0002lb/0.1g	0.0005lb/0.2g	0.001lb/0.0005kg	0.002lb/0.001kg	0.005lb/0.002kg
Repeatability (S.D.)	0.0002lb/0.1g	0.0005lb/0.2g	0.001lb/0.0005kg	0.002lb/0.001kg	0.005lb/0.002kg
Linearity (+/-)	0.0004lb/0.2g	0.001lb/0.4g	0.002lb/0.001kg	0.004lb/0.002kg	0.01lb/0.004kg
Pan Size	8.86 x 10.8in				
Approved	Non-Approved				
Weighing Units	Lbs/Kgs/g (grams only on CBC 8a and CBC 16a)				
Applications	Weighing, Counting				
Tare Range	Full capacity by subtraction				
Stabilisation Time	Typically 2 seconds				
Interface	Bi-directional RS-232 port				
Internal Resolution	1:600,000				
Operating Temperature	14°F to 104°F				
Power Supply	Mains power / Internal rechargeable battery				
Calibration	Automatic external				
Display	3 LCD backlit displays 0.8" / 20mm high digits -show weight, count and piece weight				
Housing	ABS plastic, stainless steel platform				
Net Weight	9lbs/4.1kg				
Overall Dimensions	12.4" x 13.9" x 4.3" (w x d x h)				

Model	CBD 6a	CBD 12a	CBD 35a	CBD 65a	CBD 100a
Capacity	6lb/3kg	12lb/6kg	35lb/15kg	65lb/30kg	100lb/45kg
Readability	0.002lb/0.1g	0.0005lb/0.2g	0.001lb/0.5g	0.002lb/1g	0.005lb/2g
Repeatability (S.D.)	0.0002lb/0.1g	0.0005lb/0.2g	0.001lb/0.5g	0.002lb/1g	0.005lb/2g
Linearity (+/-)	0.0004lb/0.2g	0.001lb/0.4g	0.002lb/1g	0.004lb/2g	0.01lb/4g
Pan Size	8.86 x 10.8in				
Weighing Units	lb/kg				
Applications	Weighing, Counting, Remote scale operation				
Tare Range	Full capacity by subtraction				
Stabilisation Time	Typically 2 seconds				
Interface	Bi-directional RS-232 port, second scale port				
Internal Resolution	1:600,000				
Operating Temperature	14°F to 104°F				
Power Supply	Mains power / Internal rechargeable battery				
Calibration	Automatic external				
Display	3 LCD backlit displays 0.8" / 20mm high digits - show weight, count and piece weight				
Housing	ABS plastic, stainless steel platform				
Net Weight	9lbs/4.1kg				
Overall Dimensions	12.4" x 13.9" x 4.3" (w x d x h)				

Accessories

- Item No. 5006 - In-use wet cover
- Item No. 8023 - Printer
- Item No. 9028 - RS-232 cable
- Selection of bases for CBD

Parts Counting

External Calibration

Backlit Display

RS-232 Interface

Time CBC only

Date CBC only

Rechargeable Battery

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