



Adam Equipment

CBX Balance



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1.0 INTRODUCTION

Each CBX balance comes with internal rechargeable lithium battery and USB charging lead. There is a choice of three capacities, each with four weighing units including grams, pounds, ounces and Newtons, selectable by a Mode/Units key. The bright backlit display enables operation in any degree of light, and the 304 grade stainless steel top pan offers protection against most materials and liquids. With easy calibration through the keypad the CBX ensures correct and accurate weighing at all times.

Always position the balance on a steady and level surface before use. Use the levelling feet and bubble indicator to adjust the balance to level.

The display “-----” indicates that the balance has been overloaded or damaged.

The battery indicator symbol showing just one bar indicates that the battery needs charging.

Plug the USB cable into the back of the balance and connect to a USB power source.

2.0 KEY OPERATIONS



Power on/off key.



Short press of this key turns on or off the backlight, press and hold the key down to allow weighing units selection – g, N, oz or lbs.



Tare / Zero key is used remove the weight of an empty container or to zero the balance.






In weighing mode, press and hold the counting key to enter the counting function. The display will show PC with "10" flashing, press the mode/unit key to change the sample size, available options are 10,20, 50, 100 & 200

After selecting the sample size, put the number of items to be counted that equal the sample size on the top pan, press the counting key to confirm

The item weight is now stored in the balance, short pressing of the counting key selects the counting function / returns to normal weighing.

3.0 CALIBRATION

To calibrate the balance follow the instructions below:

1. Turn on the scale and zero it.
2. Press  and  keys about 5 seconds, it displays raw analogue to digital counts.
3. Press  one time, scale display CALL→[xxxx], xxxx is the calibration weight required.
4. Put the weight on the scale according to scale display value. Scale will automatically calibrate, when the calibration is finished, the scale back to normal weighing.

4.0 MODEL SPECIFICATIONS

Model	CBX 1201	CB 3001	CB 6000
Maximum Capacity	1200g	3000g	6000g
Readability	0.1g	0.5g	1g
Units of Measure	grams, Newtons, lbs and oz		
Operating Temperature	0 - 40 degrees C		
Power Supply	3.7V1.5Ah lithium battery		
Calibration Mass	1000g	3000g	6000g
Display	5 x 18mm/0.71 inches high digits		
Pan Size	148 x 148mm/5.8 x 5.8 inches square		
Overall Dimensions (w x d x h)	155 mm x 225mm x 60mm 6.1 in x 8.9 in x 2.4 in		
Net Weight	572 g / 1.26 lbs		

WARRANTY INFORMATION

Adam Equipment offers Limited Warranty (parts and labour) for the components failed due to defects in materials or workmanship. Warranty starts from the date of delivery.

During the warranty period, should any repairs be necessary, the purchaser must inform its supplier or Adam Equipment Company. The company or its authorised Technician reserves the right to repair or replace the components at any of its workshops depending on the severity of the problems. However, any freight involved in sending the faulty units or parts to the service centre should be borne by the purchaser.

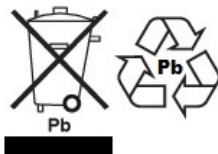
The warranty will cease to operate if the equipment is not returned in the original packaging and with correct documentation for a claim to be processed. All claims are at the sole discretion of Adam Equipment.

This warranty does not cover equipment where defects or poor performance is due to misuse, accidental damage, exposure to radioactive or corrosive materials, negligence, faulty installation, unauthorized modifications or attempted repair or failure to observe the requirements and recommendations as given in this User Manual. Additionally rechargeable batteries (where supplied) are not covered under warranty.

Repairs carried out under the warranty does not extend the warranty period. Components removed during the warranty repairs become the company property.

The statutory right of the purchaser is not affected by this warranty. The terms of this warranty is governed by the UK law. For complete details on Warranty Information, see the terms and conditions of sale available on our web-site.

WEEE 2012/19/EU



This device may not be disposed of in domestic waste. This also applies to countries outside the EU, per their specific requirements. Disposal of batteries (if fitted) must conform to local laws and restrictions.

Cet appareil ne peut être éliminé avec les déchets ménagers. L'élimination de la batterie doit être effectuée conformément aux lois et restrictions locales.

Dieses Gerät nicht mit dem Hausmüll entsorgt.

Dispositivo no puede ser desechado junto con los residuos domésticos

Dispositivo non può essere smaltito nei rifiuti domestici.

FCC / IC CLASS A DIGITAL DEVICE EMC VERIFICATION STATEMENT

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules and Canadian ICES-003/NMB-003 regulation. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CALIFORNIA PROPOSITION 65 - MANDATORY STATEMENT

WARNING: This product includes a sealed lead-acid battery which contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



Adam Equipment products have been tested with, and are always supplied with mains power adaptors which meet all legal requirements for the intended country or region of operation, including electrical safety, interference and energy efficiency. As we often update adaptor products to meet changing legislation it is not possible to refer to the exact model in this manual. Please contact us if you need specifications or safety information for your particular item. Do not attempt to connect or use an adaptor not supplied by us.

ADAM EQUIPMENT is an ISO 9001:2015 certified global company with more than 40 years' experience in the production and sale of electronic weighing equipment.

Adam products are predominantly designed for the Laboratory, Educational, Health and Fitness, Retail and Industrial Segments. The product range can be described as follows:

- Analytical and Precision Laboratory Balances
- Compact and Portable Balances
- High Capacity Balances
- Moisture analysers / balances
- Mechanical Scales
- Counting Scales
- Digital Weighing/Check-weighing Scales
- High performance Platform Scales
- Crane scales
- Mechanical and Digital Electronic Health and Fitness Scales
- Retail Scales for Price computing

For a complete listing of all Adam products visit our website at

www.adamequipment.com

Test Equipment Depot - 800.517.8431 - 5 Commonwealth Ave, Woburn MA 01801 - TestEquipmentDepot.com

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The latest version of this publication can be found on our Website.

www.adamequipment.com