

# CB Balance

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## 1.0 INTRODUCTION

Each CB balance comes with 2 x AA batteries included. There is a choice of three capacities, each with three weighing units including grams, pounds and ounces, selectable by a Units key (grams only if the Mode key is not enabled). 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 CB 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 “EEEE” indicates that the balance has been overloaded or damaged.

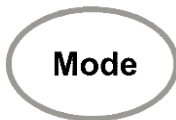
The display “Lo” or flashing battery indicator symbol indicates that the batteries must be changed.

Remove the cover on the underside of the balance to fit new batteries.

## 2.0 KEY OPERATIONS



Power on/off key.



Weighing mode selection key (if enabled) – g, oz or lbs.



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

### 3.0 CALIBRATION

To calibrate the balance follow the instructions below.

- I. Turn on the scale and zero it.
- II. Press and hold **【MODE】** and **【→0←】** keys together for about 5 seconds until the display shows internal codes value.
- III. Press **【MODE】** key once, the display will show CALL→[xxxx], (where xxxx is the full capacity weight value).
- IV. Load calibration weight as per the displayed value, and the scale will be automatically calibrated. After calibration, the scale will return to normal weighing mode. Calibration is now complete.

### 4.0 MODEL SPECIFICATIONS

Model	CB 501	CB 1001	CB 3000
Maximum Capacity	500g	1000g	3000g
Readability	0.1g	0.1g	1g
Units of Measure	grams (default), lbs and oz if the mode key is enabled		
Operating Temperature	0 - 40 degrees C		
Power Supply	2 x AA batteries or 6v DC 200ma Adaptor		
Calibration Mass	500g	1000g	3000g
Display	5 x 12mm/0.47 inches high digits		
Pan Size	130mm/5.1 inches diameter		
Overall Dimensions (w x d x h)	160 mm x 210mm x 65mm 6.3 in x 8.1 in x 2.6 in		
Net Weight	385 g / 0.85 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.



### Manufacturer's Declaration of Conformity

Adam Equipment Co.  
Maidstone Road, Kingston  
Milton Keynes, MK10 0BD  
United Kingdom

This product has been manufactured in accordance with the harmonised European standards, following the provisions of the below stated directives:

2004/108/EC, Electro Magnetic Compatibility Directive	Standard EN61326-1:2013, Electrical Equipment for Measurement, Control and Laboratory Use – EMC requirements – Part 1: general requirements.
2006/95/EC, Low Voltage Directive	Standard EN61010-1:2010, Safety requirements for measurement, control and laboratory use equipment – Part 1: General requirements.
2011/65/EC, RoHS, on the Restriction of the use of certain hazardous substances in electrical and electronic equipment	

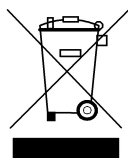
### FCC COMPLIANCE

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. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. The 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.

Shielded interconnect cables must be employed with this equipment to insure compliance with the pertinent RF emission limits governing this device.

Changes or modifications not expressly approved by Adam Equipment could void the user's authority to operate the equipment.

### The Waste Electrical and Electronic Equipment Directive (WEEE) 2002/95/EC



This symbol indicates that the equipment carrying this mark is classed as Electrical or Electronic Equipment (EEE) by European Directive 2002/95/EEC and must NOT be thrown into general waste but should be collected separately and properly recycled under local regulations. Adam Equipment Co. Ltd. is dedicated to minimizing the impact our products have on the environment and to complying with the WEEE Directive and any amending legislation. We are a member of a registered recycling scheme and contribute to the costs of collecting and recycling all our products. At the end of the life of this product, please arrange for collection or disposal at a recognised centre so it can be recycled using techniques that reduce waste and do not introduce or release hazardous substances harmful to our health or the environment. Contact us via our website if you need any assistance or advice on correct disposal.

**ADAM EQUIPMENT** is an ISO 9001:2008 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 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
- Health and Fitness Scales
- Retail Scales for Price computing

For a complete listing of all Adam products visit our website at [www.adamequipment.com](http://www.adamequipment.com)

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