

PMB TEMPERATURE CALIBRATION KIT

Part Number 3.07.6.6.10650, Revision E, Feb 2015

**PMB TEMPERATURE CALIBRATION KIT**

The temperature probe Serial No. AE xxxxx included in this kit has been calibrated to an accuracy of +/- 1°C

The Temperature measuring range is from -50°C to 300°C

Display resolution is 0.1°C

Power is 1.5v DC LR44 button-cell type battery

Operating Instructions

ON/OFF: Press this button to power the probe up and down

°C/°F: Press this button to alternate between °C and °F

Temperature Calibration

1. Place a sample pan on the pan support during this test.
2. Place the temperature probe to be used to monitor the temperature within the weighing chamber on or near the sample pan.

3. Close the chamber.
4. Enter the menu for calibration section. Select the Temperature Calibration option, **CAL TEMP**.
5. Press the **[Setup/Enter]** key.

The display will guide you through the steps necessary to calibrate the temperature of the heating chamber.

When the analyzer chamber is closed the display will show

FIRST
00:00

with the timer running. The timer will count up to 10:00 to allow time for the chamber to come to a steady (room) temperature. During this time observe the temperature in the chamber.

During this time the beeper will sound every minute to remind you that a calibration is in progress.

Note the temperature inside the chamber.

When the temperature is stable and constant for some time press **[Setup/Enter]** to enter the lower temperature value.

The display will change to allow the value to be entered.

FIRST
000

Using the numeric entry method, enter the temperature inside the chamber, for example 23°C you would enter:

FIRST TEMP
023

Press **[Setup/Enter]** to continue the test.

The heaters will turn on and begin heating the test chamber. The timer will show the elapsed time as before. The chamber will be heated to approximately 150°C.

At the end of 30 minutes the beeper will sound, Press **[Setup/Enter]** to enter the second temperature value as displayed.

Enter this value as before pressing **[Setup/Enter]** to confirm and store the value.

SEC TEMP
XXX

The PMB will now return to normal weighing.

External Temperature Probe Troubleshooting

If the probe displays **LL.L** or **H.HH**, or does not turn on, try replacing the battery inside the probe handle. If this still does not work then the probe may be defective. Contact your distributor to discuss a replacement.

WARRANTY STATEMENT

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.

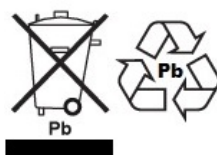
The warranty will cease to operate if the equipment is not returned in the original packaging and with correct documentation for a claim to be processed. All claims are at the sole discretion of Adam Equipment.

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, unauthorised 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..



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 9001:2008 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, Medical, 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
- Medical Scales
- Retail Scales for Price computing

For a complete listing of all Adam products visit our website at www.adamequipment.com

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