

## **EC Type-Approval Certificate UK 2842 Revision 1**

Issued by the:

**National Measurement Office  
Notified Body Number 0126**

In accordance with the requirements of the Non-Automatic Weighing Instruments Regulations 2000 (SI 2000/3236) which implement, in the United Kingdom, Council Directive 2009/23/EC, this EC Type-Approval Certificate has been issued to:

**Soehnle Industrial Solutions GmbH  
Manfred-von-Ardenne-Allee  
D-71522 Backnang  
Germany**

In respect of a Class III Non-Automatic Weighing Instrument designated the 7725 Baby scale and having the following characteristics:

<b>Max</b>	<b>Min (20e)</b>	<b>e</b>	<b>n</b>
6 kg	0.04 kg	2 g	3 000
15 kg dual-interval	0.04 kg	2 g (0 to 6 kg), and 5 g ( 6 kg to 15 kg)	3 000 3 000

The necessary data (principal characteristics, alterations, securing, functioning etc) for identification purposes and conditions (when applicable) are set out in the descriptive annex to this certificate.

This Revision replaces earlier versions of this certificate.

**Issue Date:** 31 March 2014  
**Valid Until:** 10 April 2018  
**Reference No:** TS1201/0100



**Signatory: G Stones  
for Chief Executive**

# Descriptive Annex

## 1 NAME AND TYPE OF INSTRUMENT

The 7725 Baby Scale is a Class III Non-Automatic Weighing Instrument. The instrument may be powered from internal batteries or from a 15 V DC 300 mA ~ 500 mA mains adaptor.

## 2 DESCRIPTION

### 2.1 Mechanical

#### Main features:

- LCD display fitted into load receptor: 5 digits, with Zero, Net and Hold indicators.
- Four buttons (Tare, Hold, On /Off and Zero).
- Steel base enclosure containing the load cell and electronics.
- Plastic load receptor with tray for baby weighing.
- Level indicator next to the display.
- Four adjustable feet for levelling.
- Operating temperature range 0°C to 40°C.

### 2.2.2 Devices

- Initial zero setting device ( $\leq 20\%$  of Max).
- Semi-automatic zero setting device ( $\leq 4\%$  of Max).
- Zero-tracking device.
- Zero indicator.
- Semi-automatic subtractive tare balancing device.
- Net indicator.
- Hold facility.
- Hold indicator.

### 2.2.3 Load cell

The load cell used can either be a Tedeo LPS, Zemic L6D, or Soehnle SEB22, with a maximum capacity of 20 kg. Each load cell is fully described in the following EC Test Certificates TC 2792, PTB D09-03.20 and PTB D09-06.26 respectively.

## 2.3 Operation

### 2.3.1 Switch-on

At switch-on, the instrument performs a self-test during which all the relevant segments of the display are lit. The instrument attempts to set zero provided that it is within a range not exceeding 20% of its capacity.

### **2.3.2 Zero-tracking**

Zero-tracking operates provided that the instrument is within a range not exceeding 4% of its capacity.

### **2.3.3 Semi-automatic zero setting**

The zero button operates provided that the instrument is within a range not exceeding 4% of its capacity.

### **2.3.4 Over- and under-range**

If the load is less than zero, then the weight indications show negative. The load may be shown up to a maximum of nine divisions above Max, above which the weight indications are inhibited and replaced by "Err".

### **2.3.5 Tare**

Subtractive tare balancing can be performed.

## **3 TECHNICAL DATA**

### **3.1 Power supply**

The instrument operates from six 1.5 V internally-fitted batteries or from a nominal 15 V DC supply from a mains adaptor. Any compatible CE-marked mains adaptor may be used.

If the battery or supply voltage is too low, the display shows "LobAt".

## **4 PERIPHERAL DEVICES AND INTERFACES**

There are no interface ports, and therefore no peripheral devices can be connected.

## **5 APPROVAL CONDITIONS**

The certificate is issued subject to the following conditions:

### **5.1 Legends and inscriptions**

**5.1.1** The instrument shall bear the following legends near the display of the weighing result:

Max  
Min  
e =

**5.1.2** The instrument shall bear the following legends

CE marking  
Verification mark  
Green M  
Class  
Serial number

Manufacturers mark or name  
Temperature range 0° to 40 °C  
Certificate number

## **6 LOCATION OF SEALS AND VERIFICATION MARKS**

**6.1** The data plate is located on the opposite side of the load receptor to the display. It is of a form such that it is destroyed if removed.

The data plate is mounted in such a manner that it is easily accessible and clearly visible in its regular operating position. The CE mark shall be impossible to remove without damaging it. The data plate shall be impossible to remove without it being destroyed.

The markings and inscriptions shall fulfil the requirements of Paragraph 1 of Annex IV of the Directive 2009/23/EC.

**6.2** The instrument is sealed as shown in Figure 3. A seal placed over the screws in the base prevents opening of the housing. Access to the test pin that allows calibration is prevented by a small plate having a seal over one of its fixing screws.

**6.3** Components that may not be dismantled or adjusted by the user must be secured by a suitable mark placed over the securing screws. The securing mark may be either:

- a mark of the manufacturer and/or manufacturer's representative, or
- an official mark of a verification officer.

**6.4** Verification marks, and the CE-marking, are located on, or adjacent to, the data plate.

## **7 ALTERNATIVES**

There are at present no alternatives.

## **8 ILLUSTRATIONS**

- Figure 1 7725 Baby scale  
Figure 2 Display and buttons  
Figure 3 Sealing arrangements

**9****CERTIFICATE HISTORY**

Issue No	Date	Description
UK 2842	11 April 2008	Type approval first issued.
UK 2842 Revision 1	31 March 2014	Company name and address changed on front page of certificate



Figure 1 7725 Baby scale

Panel Display:

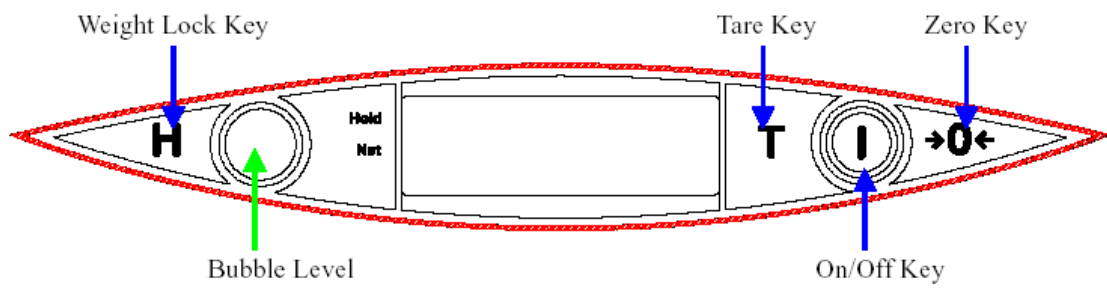


Figure 2 Display and buttons

### Sealing method for 7725

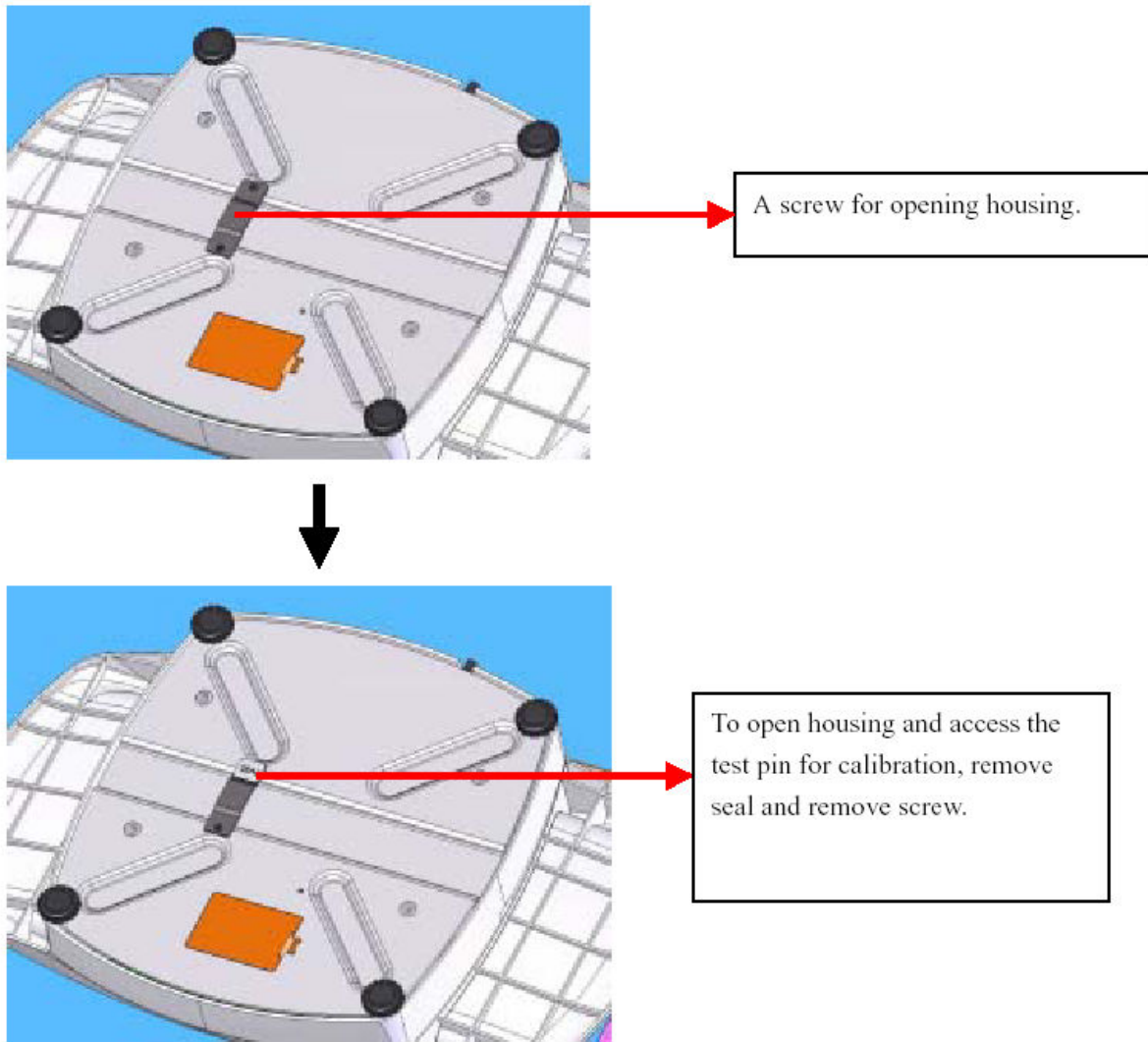


Figure 3 Sealing arrangements