National Measurement & Regulation Office

UK 2956

V(0)a

EC type-approval certificate
UK 2956 Revision 1

Issued by:

The National Measurement and Regulation 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:

Rinstrum Pty Ltd.
41 Success Street
Acacia Ridge
QLD 4110
Australia

In respect of a Class III non-automatic weighing instrument designated the R325 and having the following characteristics:

$n \leq 4{,}000$

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 previous versions of the certificate.

Issue Date: **05 February 2016**
Valid Until: **06 June 2023**
Reference No: **TS1202/0046**

Grégory Glas
Technical Manager - NMRO Technical Services
For and on behalf of the Chief Executive

UKAS PRODUCT CERTIFICATION
0135

National Measurement & Regulation Office I Stanton Avenue I Teddington I TW11OJZ I United Kingdom
Tel +44 (0) 20 8943 7272 I Fax +44 (0) 20 8943 7270 I Web www.gov.uk/nmro
The NMRO is an Executive Agency of the Department for Business Innovation and Skills

Descriptive Annex

1 NAME AND TYPE OF INSTRUMENT

The instrument is designated the R325 and is designed to be used as a baggage weigher. The instrument is a Class III, single-interval, mains or battery-operated, non-automatic weighing instrument and comprises a digital indicator connected to a weighing platform.

The instrument may be used for direct sales to the public.

2 DESCRIPTION

2.1 Construction

The digital weight indicator (Figure 1) is fully described in Test Certificate TC6242.

2.2 Load cell

Any compatible load cell(s) may be used providing the following conditions are met:

- There is a respective OIML Certificate of Conformity (R60) or a test certificate (EN45501) issued for the load cell by a Notified Body responsible for type examination under Directive 2009/23/EC.
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules (WELMEC 2, Issue 5, 2009, No 11), and any particular installation requirements. A load cell marked NH is allowed only if humidity testing to EN45501 has been conducted on this load cell.
- The compatibility of the load cells and indicator is established by the manufacturer by means of the compatibility of modules calculation, contained in the above WELMEC 2 document, at the time of verification or declaration of EC conformity of type.
- The load cell transmission must conform to one of the examples shown in the WELMEC Guide 2.4, "Guide for Load cells".

2.3 Devices

- Initial zero setting device (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Zero indicator
- Stable weight indicator
- Totalisation
- Piece counting
- Printing
- Low/high baggage weight limits
- Remote/customer display type D323 (Figure 2)

2.4 Operation

The instrument has the following operation keys (Figure 3):

ZERO: Performs a semi-automatic zero-setting.

ADD: Used to add the current bag to the total.
The weight must be within the minimum and maximum weight limits defined in the parameters, the displays shows “Small Bag” and shows “overscale” when the bag weight is below the minimum limit and exceeds the maximum limit respectively.
The number of bags added is shown on the display as “xx pcs” after the ADD key is pressed.

TOTALS: Used to step through the normal display (live weight), total weight and number of bags.
The instrument reverts to live weight display.

CANCEL: Used to cancel the last bag weight.
Only the last bag weight added can be cancelled.

FINISH: Used to clear the total weight and number of bags.
If printing is enabled, the total weight is printed and identified as such, date and time are printed as well. Cancelled bag weights are printed as negative weights.

3 TECHNICAL DATA

3.1 Technical data for the indicator is provided in Test Certificate TC6242.

3.2 Software

The software is designated as A325 V3.xx, with xx reflecting non-legally-relevant changes. This information is displayed at power-up.

Access to the legally relevant parameters is password-protected. A non-editable counter increments every time legally the relevant parameters are changed. The counter is displayed at power-up using the format C.xxxxx.

4 PERIPHERAL DEVICES AND INTERFACES

4.1 Interfaces

The instrument may have the following protected interfaces:

- RS232
- RIN-LINK

4.2 Peripheral devices

4.2.1 The following peripheral devices may be connected to the interfaces provided:

- Peripheral devices that have been issued with a test certificate by a Notified Body responsible for type approval under Directive 2009/23/EC; or
- Peripheral devices without a test certificate under the following conditions:
  - it bears the CE marking for conformity to the EMC Directive;
  - it is not capable of transmitting any data or instruction into the weighing instrument, other than to release a printout, checking for correct data transmission or validation;
  - it prints weighing results and other data as received from the weighing instrument without any modification or further processing;

- it complies with the applicable requirements of EN45501, i.e. 4.2, 4.4, 4.6 and 4.7.

A printing device may print additional information such as date or number to identify the printed weighing result(s) or sets of weighing results.

5 APPROVAL CONDITIONS

This certificate is issued subject to the following conditions:

5.1 Legends and inscriptions

5.1.1 The following legends are shown on or near the display:

Max
Min
e =

5.1.2 The instrument shall bear the following legends on the R325 display unit (front face):

Accuracy class
CE marking
Green M
Serial number
Manufacturer's mark or name
Certificate number

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

6 LOCATION OF SEALS AND VERIFICATION MARKS

6.1 The markings shall be secured, either by sealing or by being of a form such that it is destroyed when removed.

6.2 Components that may not be dismantled or adjusted by the user must be secured by a wire-and-seal solution or tamper-evident sticker. The securing mark may be either:

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

The indicator and load cell connection are sealed as shown in Figure 3. Common serial numbers (indicator/platform) may also be used to seal the load cell connection.

6.3 Verification marks, and the CE-marking, are located adjacent to the markings required in section 5.1.2.

6.4 The counter described in section 3.2 shall be written on a tamper-evident label near the markings required in section 5.1.2.

7 ALTERNATIVES

7.1 Having an alternative microcontroller fully described in Test Certificate TC6242, with an updated software version 4.xx, where xx reflects non-legally-relevant changes.

8 ILLUSTRATIONS

Figure 1 R325
Figure 2 D323
Figure 3 Sealing method

9 CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
UK 2956	07 June 2013	Type approval first issued.
UK 2956 Revision 1	05 February 2016	Section 7.1 added.

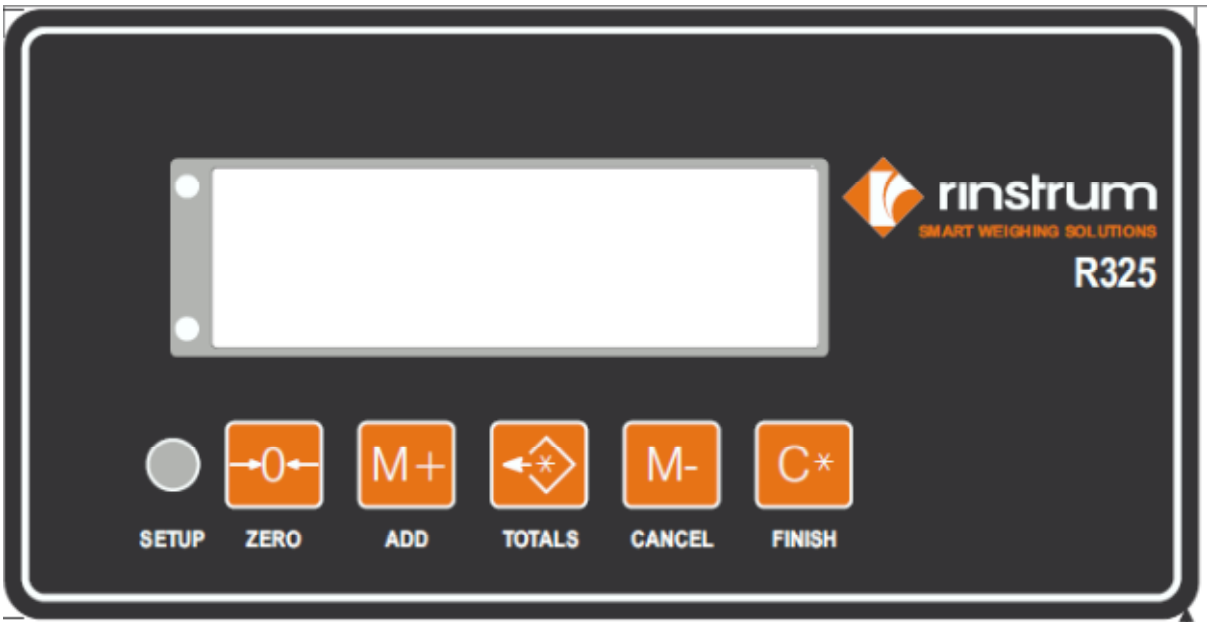
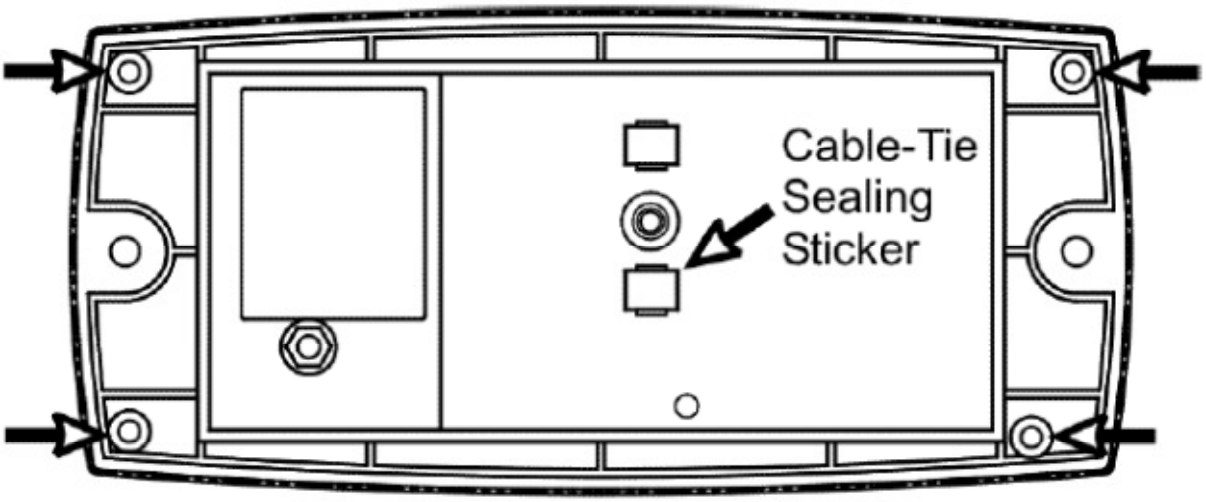


Figure 1 R325

Figure 2 D323



Affix sealing stickers to the rear of the instrument,
over one or more screws in the locations indicated.

Also affix a sealing sticker over the load cell cable
where the cable-tie strain relief is attached. as indicated.

Figure 3 Sealing method