



Australian Government
Department of Industry,
Innovation and Science

National Measurement Institute

Certificate of Approval

NMI 6/4C/294

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the instruments herein described.

Honeywell Model Stratos 2752 Weighing Instrument

submitted by Intermec Technologies Australia Pty Ltd
 Level 4, 1-3 Atchison Street
 St Leonards NSW 2065

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This approval has been granted with reference to document NMI R 76, *Non-automatic weighing instruments, Parts 1 and 2*, dated July 2004.

This approval becomes subject to review on 1/11/20, and then every 5 years thereafter.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern & variant 1 approved – certificate issued	22/10/15

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI 6/4C/294' and only by persons authorised by the submitter.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0B.

Signed by a person authorised by the Chief Metrologist to exercise their powers under Regulation 60 of the *National Measurement Regulations 1999*.



Dr Amanda Rawlinson

TECHNICAL SCHEDULE No 6/4C/294

1. Description of Pattern **approved on 22/10/15**

A Honeywell Model Stratos 2752 class III single interval self-indicating non-automatic weighing instrument (Figure 1) of 15 kg maximum capacity with a verification scale interval of 0.005 kg.

Instruments are fitted with one Honeywell single display or one Honeywell dual display mounted on a column (Figure 2). Instruments are marked 'NOT FOR TRADING DIRECT WITH THE PUBLIC' (or similar wording) unless two displays are present or unless the single display is located such that all primary indications are clearly and simultaneously displayed to both the vendor and the customer.

Instruments may be fitted with a Mettler Toledo Ariva-B-H4 weighing module. The platter size is 292 mm x 399 mm.

Instruments use a FranMar model FRA036-S12-4, 12 V DC, 3 A AC/DC power supply; the submitter should be consulted regarding the acceptability of alternatives.

Instruments may be fitted with output sockets (output interfacing capability) for the connection of auxiliary and/or peripheral devices.

1.1 Zero

The initial zero-setting device of the pattern has a nominal range of not more than 20% of the maximum capacity of the instrument.

The instrument has a zero-tracking device with a nominal range of not more than 4% of the maximum capacity of the instrument.

The instrument has a semi-automatic zero-setting device with a nominal range of not more than 4% of the maximum capacity of the instrument.

1.2 Tare

A semi-automatic subtractive tare device of up to maximum capacity may be fitted.

1.3 Display Check

A display check is initiated whenever power is applied.

1.4 Scanner

Instruments are provided with an integral hybrid laser and imaging scanner for reading bar codes.

1.5 Levelling

The instrument is intended to be installed in a fixed position (e.g. a supermarket check-out) and hence is not fitted with adjustable feet (although a level indicator may be available for installation purposes).

1.6 Interfaces

Instruments may be fitted with interfaces for the connection of auxiliary and/or peripheral devices. Any interfaces shall comply with clause 5.3.6 of document NMI R76 (the basic intent of which is that it shall not be possible to alter weighing results via the interfaces).

Any measurement data output from the instrument or its interfaces shall only be used for trade in compliance with Supplementary Certificate No S1/0/B (in particular in regard to the data and its format). Instruments may be fitted with serial data interface RS-232, USB interface, and Checkpoint EAS interlock interface.

1.7 Sealing Provision

Provision is made for the calibration adjustments to be sealed.

This may be by sealing of the metal cover over the calibration adjustment switch which is located beneath the load receptor (Figure 3), and below a plastic calibration switch cover. The metal cover may be sealed by means of a lead and wire (or similar) type seal through the holes provided (Figure 3a). Alternatively, a destructible adhesive label may be placed over the plastic switch cover as shown in Figure 3b.

1.8 Descriptive Markings and Notices

Instruments carry the following markings:

Manufacturer's mark, or name written in full	Honeywell
Indication of accuracy class	Ⓜ
Pattern approval mark for the instrument	NMI 6/4C/294
Maximum capacity	Max g or kg #1
Minimum capacity	Min g or kg #1
Verification scale interval	e = g or kg #1
Serial number of the instrument

#1 These markings are also shown near the display of the result if they are not already located there.

1.9 Verification Provision

Provision is made for the application of a verification mark.

1.10 Software

The software is designated 2.0.0 1.70.28 1.111 2.0.0 where 2.0.0 refers to the identification of weighing embedded software and 1.70.28 refers to the identification of signal processing embedded software and 1.111 refers to the identification of application software.

The sequential software versions and numbers can be seen on the display by pressing the Zero button twice from the normal weighing mode.

2. Description of Variant 1 approved on 22/10/15

The model Stratos 2753 which is similar to the pattern but having a Mettler Toledo Ariva-B-H5 weighing module with a longer, 292 mm x 508 mm, scale platter (Figure 4).

TEST PROCEDURE No 6/4C/294

Instruments shall be tested in accordance with any relevant tests specified in the National Instrument Test Procedures.

Maximum Permissible Errors

The maximum permissible errors are specified in Schedule 1 of the *National Trade Measurement Regulations 2009*.

FIGURE 6/4C/294 – 1



(a) Honeywell Model Stratos 2752 Weighing Instrument (Pattern)



(b) Honeywell Model Stratos 2752 Weighing Instrument
With Load Receptor Plate Removed (Pattern)

FIGURE 6/4C/294 – 2

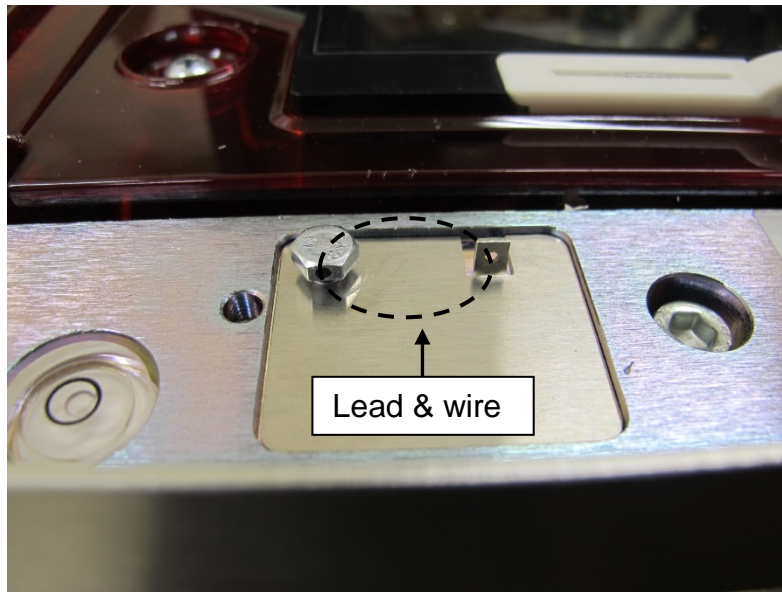


(2a) Honeywell Dual Display

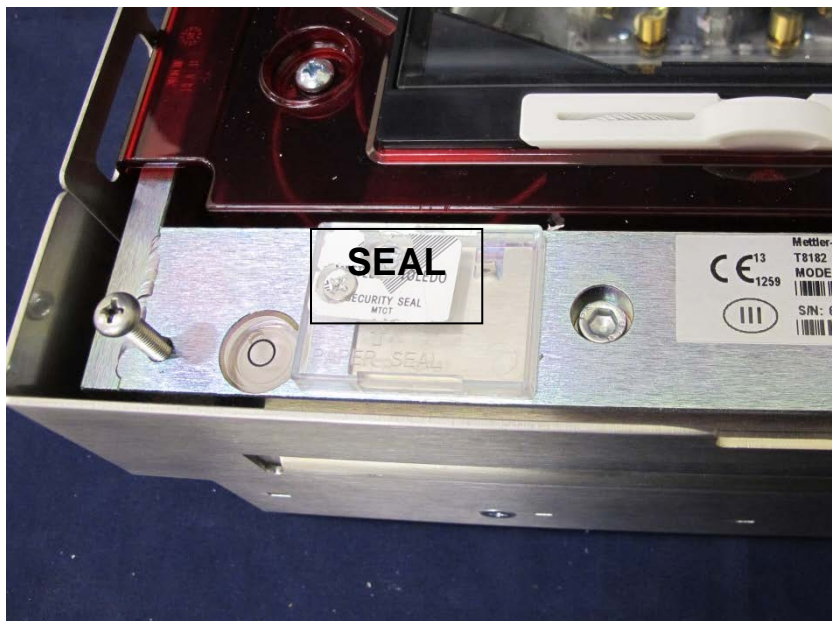


(2b) Honeywell Single Display

FIGURE 6/4C/294 – 3



(a) Typical Sealing Using Lead and Wire Type Seal



(b) Typical Sealing Using a Destructible Adhesive Label

Typical Mechanical Sealing

FIGURE 6/4C/294 – 4



Honeywell Model Stratos 2753 Weighing Instrument (Variant 1)

~ End of Document ~