



Australian Government
Department of Industry,
Innovation and Science

National Measurement Institute

36 Bradfield Road, West Lindfield NSW 2070

Supplementary Certificate of Approval NMI S687

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.

GaP Solutions Model EZI-WEIGHLABEL Point of Sale (POS) System

submitted by GaP Solutions Pty Ltd
26 Woodlands Terrace
Edwardstown SA 5039

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 M 7, *Pattern Approval Specifications for Point of Sale Systems*, dated June 2012.

This approval becomes subject to review on 1/02/25, and then every 5 years thereafter.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	19/02/15
1	Pattern amended (validity) – interim certificate issued	9/02/16
2	Pattern amended (validity & test procedure) – interim certificate issued	21/09/16
3	Pattern amended (validity) – interim certificate issued	31/01/17
4	Pattern amended (address & validity) – interim certificate issued	14/02/18
5	Pattern amended (validity) – interim certificate issued	14/02/19
6	Pattern approved – certificate issued	16/01/20

Conditions of Approval

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S687' and only by persons authorised by the submitter.

Instruments purporting to comply with this approval and currently marked 'NMI PS687' may be re-marked 'NMI S687' but 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.

Special

Certain aspects of this instrument (in particular transaction record printing formats) are able to be configured by the user. Whilst NMI believes that acceptable formats can be achieved for typical basic sales modes, it is also possible for the instrument to be configured to produce unacceptable formats, and use of some formats may be inappropriate for different sales modes. It is the responsibility of the user to ensure that acceptable and appropriate formats are used in any particular situation.

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



Darryl Hines
Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No S687

1. Description of Pattern **provisionally approved on 19/02/15** **approved on 16/01/20**

A GaP Solutions model EZI-WEIGHLABEL point of sale (POS) system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments.

1.1 Key Features

- The system provides printing arrangements when connected to an A&D Australasia model FS-15Ki self-indicating non-automatic weighing instrument (approval NMI 6/4C/250) or other compatible (#) NMI-approved measuring instruments.
 - The system receives measurement data from the output interface of the approved measuring instrument and computes prices using a product look up (PLU) facility.
 - The system is able to apply a preset tare value up to the maximum capacity of the approved measuring instrument. Preset tare values may be stored (e.g. within a PLU facility).
 - The POS controllers may be connected in a network to share common PLU data, for totalisation, and to accumulate and retrieve management information.
- (#) 'Compatible' is defined to mean that no additions/changes to the hardware/software specified in this approval are required for satisfactory operation of the system.

1.2 System Description

The GaP Solutions model EZI-WEIGHLABEL printing system comprises:

(i) Print Controller

The GaP Solutions model EZI-WEIGHLABEL print controller comprises an Intermec model PM4I or equivalent (*) printing device running EZI-WEIGHLABEL version 2xxx.xx software. The software version is listed under the System Options menu accessed via the F5 key and password.

(ii) Electronic Indications

The Intermec model PM4I includes an LCD indication used only to operate and configure the label printing function. This display does not indicate measurement results and the display is not required to be compliant with NMI M 7.

Note: There is no NMI M 7 compliant customer display fitted to the POS system.

(iii) Printing Devices

Transaction records and labels shall satisfy the requirements of document NMI M 7, *Pattern Approval Specifications for Point of Sale Systems*.

An Intermec model PM4I printer or equivalent (*) running EZI-WEIGHLABEL software provides label printing facility.

- (*) 'Equivalent' is defined to mean other proprietary equipment of the same or better specifications requiring no changes to the software specified in this approval for satisfactory operation of the system.

(iv) Additional System Facilities

In addition, the system may include other facilities including barcode reader. The facilities shall not interact with the system in a way that would cause an incorrect indication of the measured quantity or price.

1.3 Verification Provision

Provision is made for the application of a verification mark.

1.4 Descriptive Markings

The Print controller is marked in a clear and permanent manner, in one location, with the following information:

Submittor's name or mark	GaP Solutions Pty Ltd
Serial number or other unique identifier
Pattern approval number	NMI S687

TEST PROCEDURE No S687

The POS system shall be tested in addition to any tests specified in the approval documentation for the measuring instrument/s to which the POS system is connected, as appropriate

The POS system shall be tested in the normal operational mode of the instrument and device, not in 'training mode' or any other management mode.

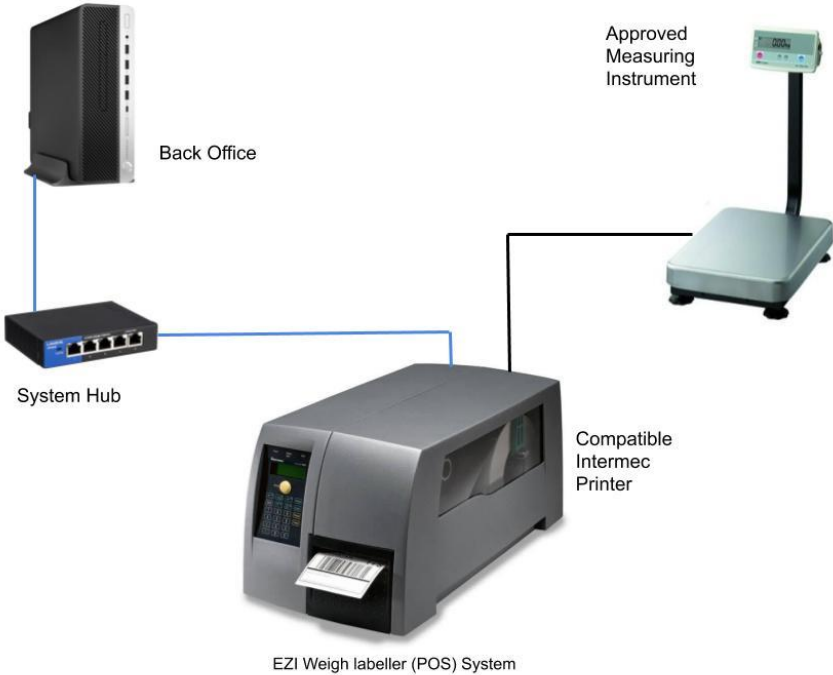
Maximum Permissible Error

The maximum permissible error for price computation is ± 0.5 cent.

TESTS

1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Check that the system performs correct price computation, and computes and indicates a correct unrounded subtotal.
4. Perform a measurement with a preset tare applied and confirm that the POS system correctly calculates and indicates a net measurement result.
5. Ensure that electronic indications and printed information are in accordance with document NMI M 7.

FIGURE S687 – 1



EZI Weigh labeller (POS) System

FIGURE S687 – 2



Typical Operator Display

FIGURE S687 – 3



A Typical Label

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