



Australian Government

Department of Industry,
Science and Resources

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

Supplementary Certificate of Approval

NMI S880

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.

Corum Health Model Corum POS Point of Sale (POS) System

submitted by Corum Health Pty Ltd
Level 13 / 348 Edward Street
Brisbane QLD 4000

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 is subject to review at the decision of the Chief Metrologist in accordance with the conditions specified in the document NMI P 106.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern approved – certificate issued	13/10/25

CONDITIONS OF APPROVAL

General

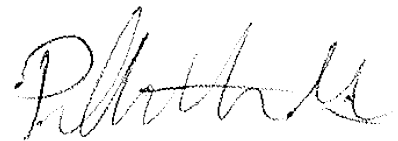
Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S880' and only by persons authorised by the submitter.

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.

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.



Phillip Mitchell
A/g Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No S880

1. Description of Pattern **approved on 13/10/25**

A Corum Health Model Vita POS point of sale system (Figure 1) to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments granted with reference to document NMI M 7.

1.1 Key Features

- The system provides point of sale arrangements for a Mettler Toledo model Ariva-S-12 AUS self-indicating non-automatic weighing instrument (approval NMI 6/4C/307) 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 computes total price for multiple items including non-measured items and is approved for use for transactions direct to the public.
 - Manually entered measurement data shall be indicated as such on a printed transaction record.
 - 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 keyboard-entered or 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 Corum Health Model Vita POS point of sale (POS) system (Figure 1) comprises:

(i) POS Controller

The Dell model XPS 15 7590 POS controller or equivalent (*) is a PC-based device that operates a Microsoft Windows operating system running Vita POS version V15.xxx software. The software version number is displayed by clicking on the user profile icon on the top right corner of the operator display.

(ii) IoT device

The Raspberry Pi Model B is used for connecting the Vita POS system to NMI-approved measuring instruments and other hardware through its various interfaces, allowing for real time data communication.

(iii) Electronic Indications

Indications shall satisfy the requirements of document NMI M 7, *Pattern Approval Specifications for Point of Sale Systems*.

The Dell model XPS 15 7590 POS controller has an LCD display to provide an indication for the operator (Figure 2).

Information additional to that required by document NMI M 7, including totalisation details and product images, may also be indicated.

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

(iv) Printing Devices

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

An EPSON model M389A printer or equivalent (*) is connected to the controller to provide transaction record printing facility. A typical sample is shown in Figure 3.

- (*) '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.

(v) Additional System Facilities

In addition, the system may include other facilities including point of sale cash drawers, magnetic card and/or barcode reader and electronic funds transfer (EFT). 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 POS controller is marked in a clear and permanent manner, in one location, with the following information:

Submitter's name or mark	
Serial number or other unique identifier	
Pattern approval number	NMI S880

TEST PROCEDURE No S880

The POS system shall be tested in addition to any tests specified in the approval documentation for the instruments 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.

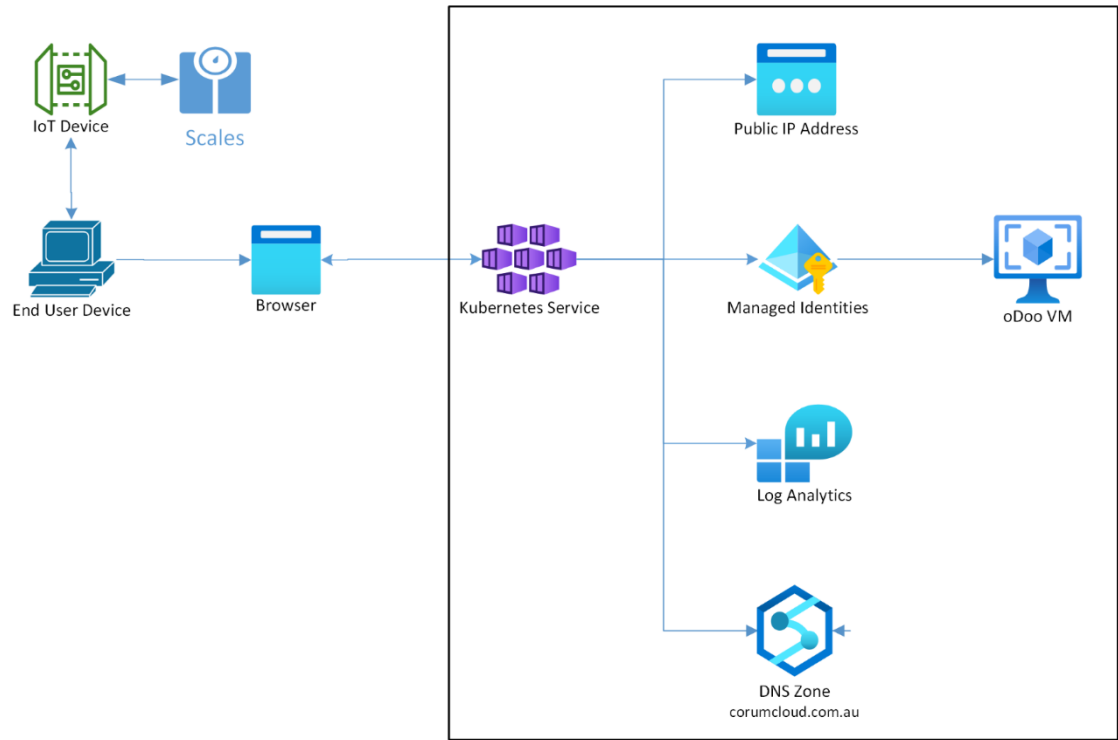
Maximum Permissible Error

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

TESTS

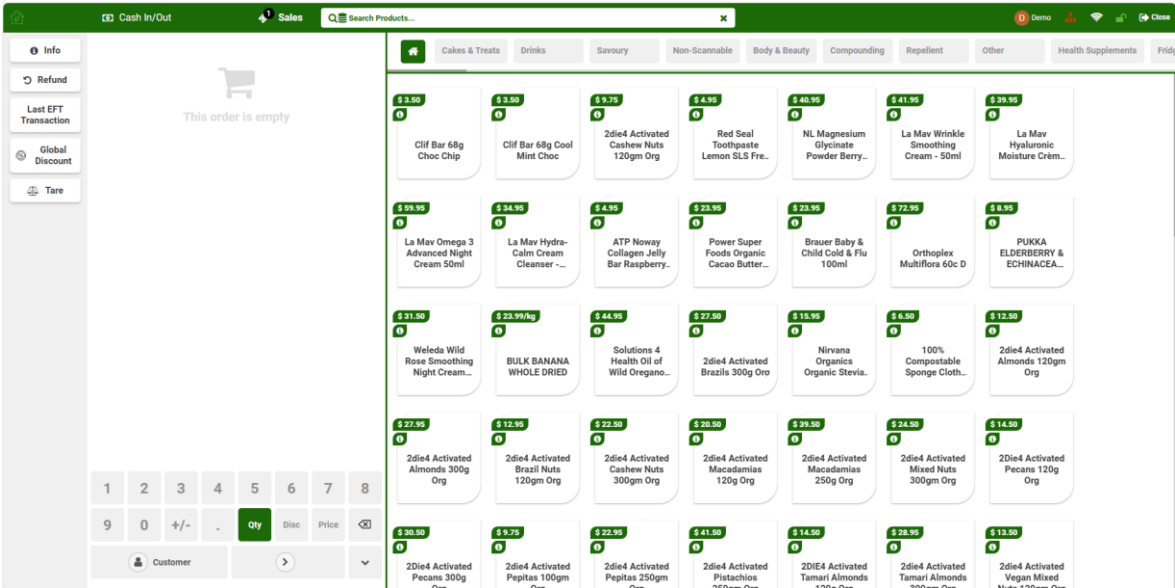
1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Check that the system performs correct price computation, and computes and indicates a correct unrounded subtotal. For cash payment methods, check that any rounding calculation is correct.
4. Perform a measurement with a preset tare applied and confirm that the POS system correctly calculates and indicates a net measurement result.
5. Manually enter some pre-determined measurement data and ensure that the printed transaction record clearly indicates the transaction as such.
6. For network systems check to ensure that the measurement data printed on the transaction record is correctly reproduced.
7. Ensure that electronic indications and printed information are in accordance with document NMI M 7.

FIGURE S880 – 1



Corum Health Model Vita POS System

FIGURE S880 – 2



Typical Operator Screen

FIGURE S880 – 3



Sale No: Till 1/0156
Demo Store
Tax ID: SAMPLEABN
demo@corum.com.au
Thank you for shopping with us!
Served by Demo

PUKKA ELDERBERRY & ECHINACEA 20TB	
1 each x \$ 8.95 / each	\$ 8.95
2die4 Activated Almonds 120gm Org	
1 each x \$ 12.50 / each	\$ 12.50
Orthoplex Multiflora 60c D	
1 each x \$ 72.95 / each	\$ 72.95
BULK BANANA WHOLE DRIED	
2.456 kg x \$ 23.99 / kg	\$ 58.92

Sub TOTAL	\$ 153.32
Rounding	\$ -0.02
TOTAL Price	\$ 153.30
Cash	\$ 153.30
CHANGE	\$ 0.00
GST (Sales)	\$ 1.14

Sale 05427-082-0001
07/10/2025 10:05:33



A Typical Receipt

~ End of Document ~