



Australian Government

Department of Industry,  
Science and Resources

**National  
Measurement  
Institute**

36 Bradfield Road, West Lindfield NSW 2070

**Supplementary Certificate of Approval  
NMI S875**

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.

SENPOS model Senpos Point of Sale (POS) System

submitted by     SENPOS - Point of Sale  
                         89-91 Lambton Road  
                         Broadmeadow     NSW     2292

**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**

<b>Rev</b>	<b>Reason/Details</b>	<b>Date</b>
0	Pattern approved – certificate issued	01/09/25

## CONDITIONS OF APPROVAL

### General

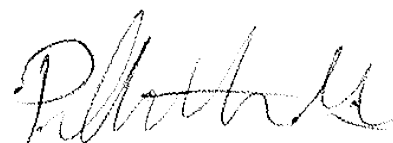
Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S875' and only by persons authorised by the submitter.

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 S##

**1. Description of Pattern**

**approved on 01/09/25**

A SENPOS model Senpos (\*\*) point of sale (POS) system 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 CAS model PD-II self-indicating non-automatic weighing instrument (approval NMI 6/4C/237) 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 POS controllers may be connected in a network to share common PLU data, 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 Senpos point of sale (POS) system (Figure 1) comprises:

**(i) POS Controller**

The SENPOS model Senpos POS controller comprises a Element model 455W or equivalent (\*) PC-based device that operates a Microsoft Windows-based operating system running Senpos POS version 7.xx.x software. The software version number is displayed on the options menu by clicking in the bottom right corner.

**(ii) Electronic Indications**

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

The Element model 455W POS controller has an integral touch sensitive display to provide an indication for the operator (Figure 2) and another integral display to provide an indication for the customer (Figure 3).

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

### **(iii) Printing Devices**

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

An Epson model M296A printer or equivalent (\*) is connected to provide a transaction record printing facility. A typical record is shown in Figure 4.

- (\*) '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 point of sale cash drawers, magnetic card and/or barcode reader and electronic funds transfer (EFT), etc. 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:

Submittor's name or mark	.....
Serial number or other unique identifier	.....
Pattern approval number	NMI S875

## TEST PROCEDURE No S875

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.

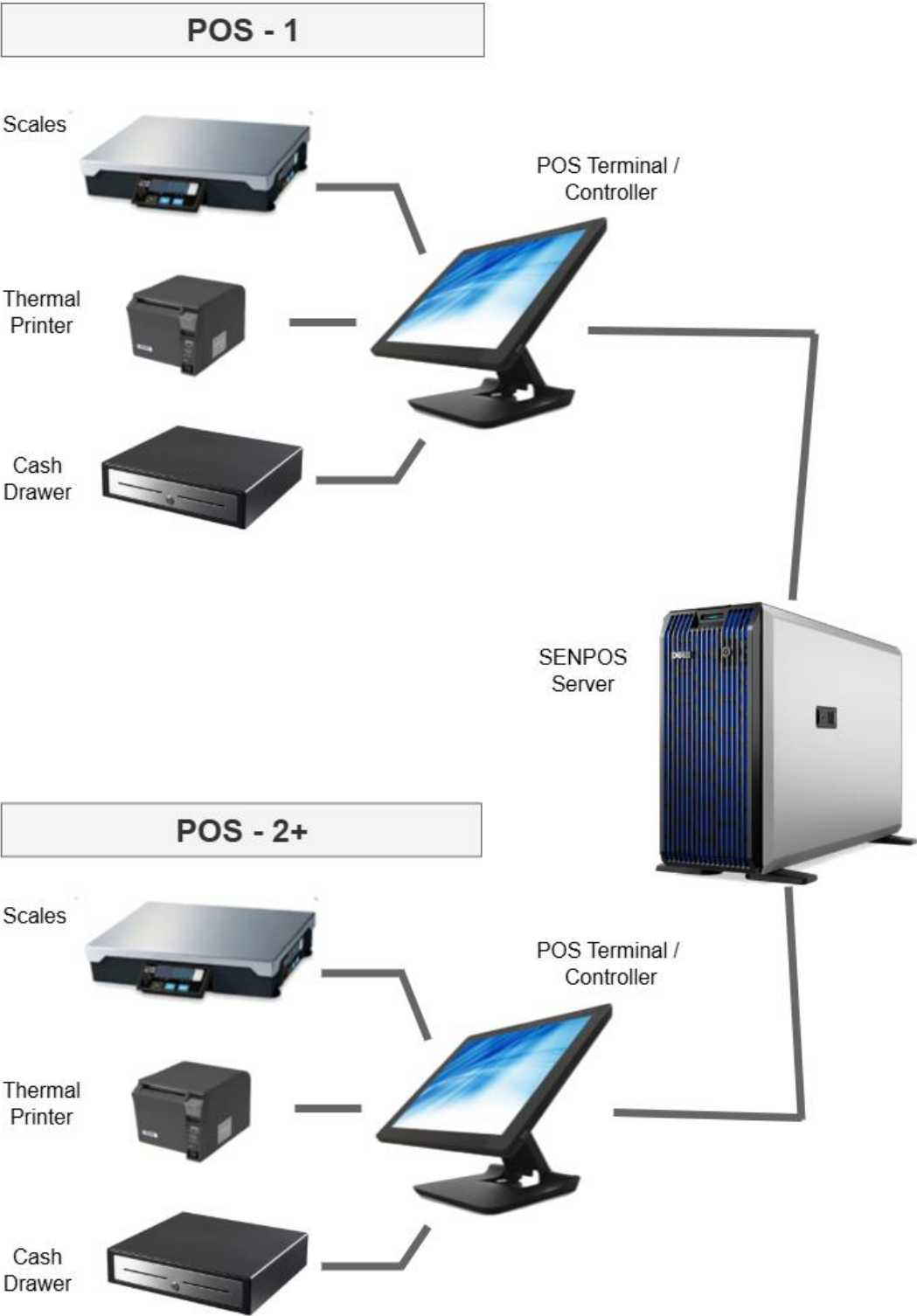
### **Maximum Permissible Error**

The maximum permissible error for price computation is  $\pm 0.5$  cent.

### **TESTS**

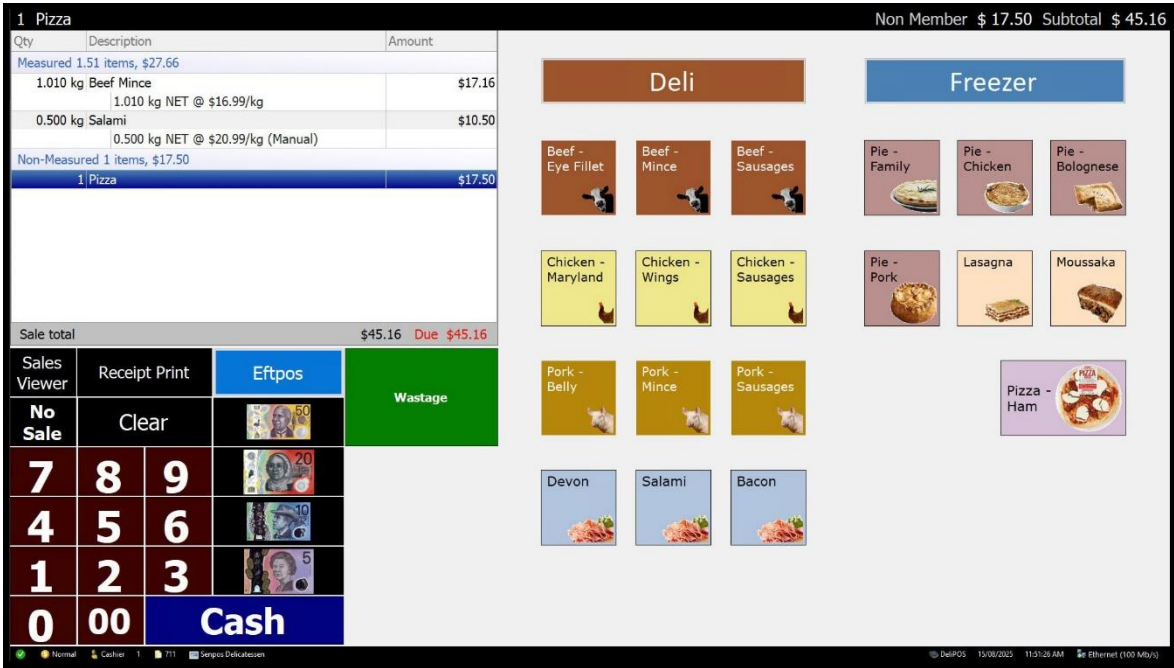
1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Check that the system performs correct price computation,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

FIGURE S875 – 1



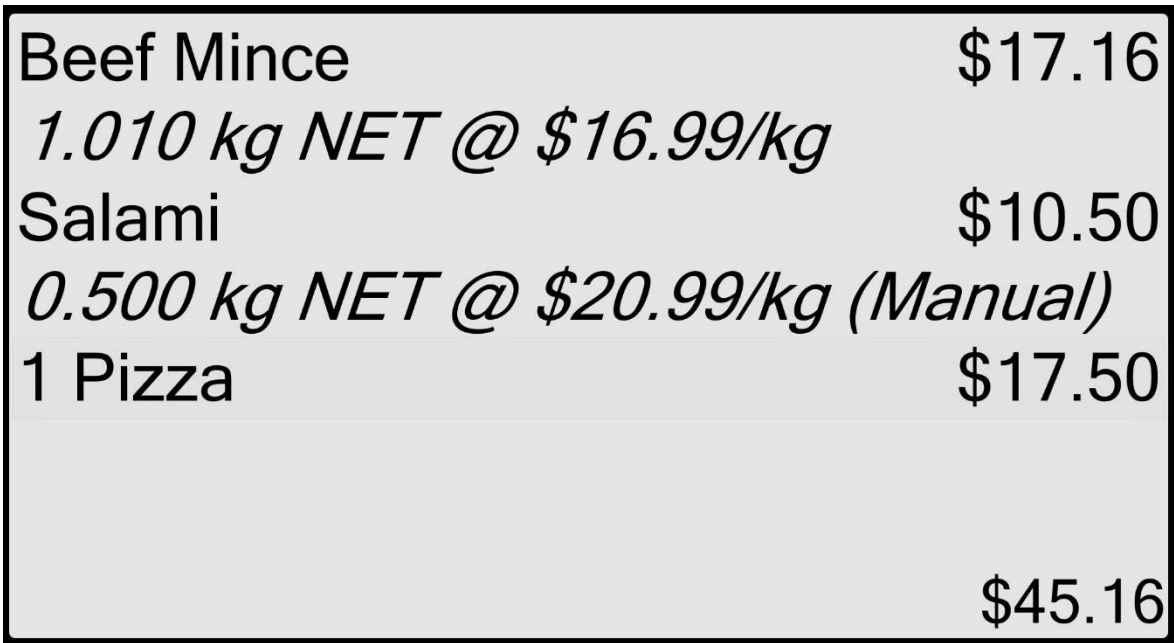
Point of Sale (POS) System

FIGURE S875 – 2




Typical Operator Display

FIGURE S875 – 3



Typical Customer Display

FIGURE S875 – 4

 **SENPOS**

89-93 Lambton Rd, Broadmeadow NSW  
Ph: (02) 4940 0620  
**ABN: 21 910 332 184**

**TAX INVOICE**

<u>Measured</u>	<u>Total \$</u>
1.010kg Beef Mince	\$17.16
1.010 kg NET @ \$16.99/kg	
0.500kg Salami	\$10.50
0.500 kg NET @ \$20.99/kg (Manual)	
<u>Non-Measured</u>	<u>Total \$</u>
1 Pizza	\$17.50
<b>Sale Subtotal</b>	<b>\$45.16</b>
<u>Cash</u>	<b>\$45.15</b>
<u>Rounding</u>	<b>\$0.01</b>
<u>GST on Sale</u>	<b>\$4.11</b>

Receipt #: 711  
Terminal: DeliPOS  
Friday, 15 August 2025 11:51 AM

A Typical Receipt

~ End of Document ~