



Australian Government  
Department of Industry, Science,  
Energy and Resources

## National Measurement Institute

36 Bradfield Road, West Lindfield NSW 2070

### Supplementary Certificate of Approval NMI S827

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.

ITNT model Retail Therapy Point of Sale (POS) System

submitted by ITNT Group PTY LTD  
Unit 4, 163-167 The Boulevard  
Fairfield Heights NSW 2165

**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	31/01/22

## CONDITIONS OF APPROVAL

### General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S827' 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*.



**Darryl Hines**  
Manager  
Policy and Regulatory Services

TECHNICAL SCHEDULE No S827

**1. Description of Pattern** **approved on 31/01/22**

An ITNT model Retail Therapy (\*\*) 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.
  - 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, 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 ITNT model Retail Therapy Point of Sale (POS) system (Figure 1) comprises:

**(i) POS Controller**

The ITNT model Retail Therapy POS controller comprises a Flytech Technology model POS335 or equivalent (\*) PC-based device that operates a Microsoft Windows-based operating system running Retail Therapy version 1.x.x.x software). The software version number is displayed on the Login Screen.

**(ii) Electronic Indications**

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

The Flytech Technology model POS335 has an integral touch sensitive display to provide an indication for the operator (Figure 2) and another integral display or equivalent (\*) 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.

- (\*) '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.

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

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

A Senor model TP-100 printer or equivalent ESCPOS Compatible printer (\*) 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 S827

## TEST PROCEDURE No S827

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.

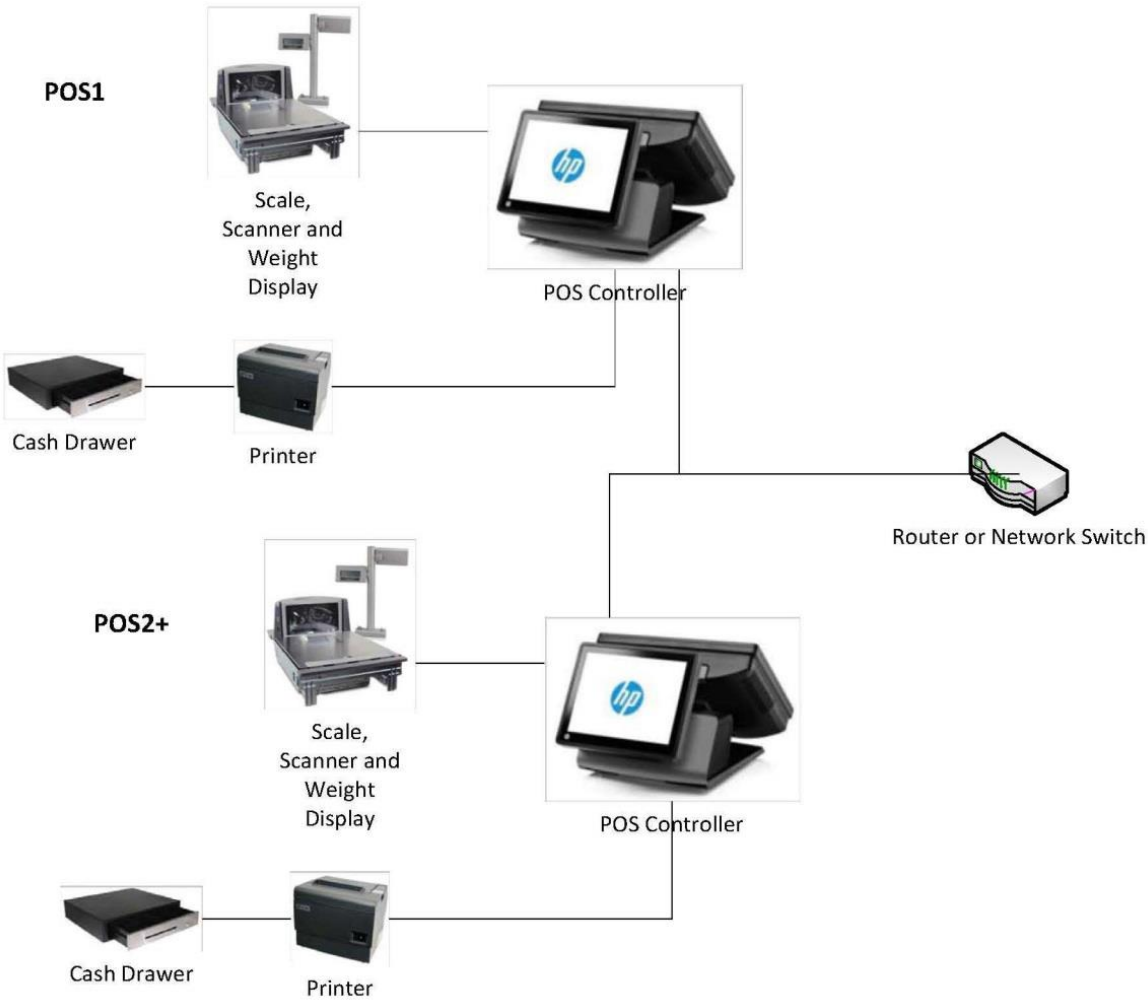
### **Maximum Permissible Error**

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. Perform a measurement with a preset tare applied and confirm that the POS system correctly calculates and indicates a net measurement result.
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 S827 – 1



Point of Sale (POS) System

FIGURE S827 – 2

MENU : DEFAULT   ORDER TYPE   PRINT LAST DOCKET   OPTIONS						
BEEF	LAMB	CHICKEN	SKEWERS	MINCE	SAUSAGES	GROCERIES
FROZEN GOODS	SMALLGOODS	OFFLAS				
BEEF RUMP STEAK	BEEF SCOTCH FILLET STEAK	BEEF EYE FILLET STEAK	BEEF TOMAHAWK STEAK	BEEF RIBS	MARINATED BEEF RIBS	BEEF TOPSIDE STEAK
BEEF EYE SILVERSIDE	BEEF OSSO BUCCO	BEEF GRAVY	BEEF BRISKET	BEEF STI FRY	BEEF DICED	100% BEEF BURGERS
WAGYU BEEF STEAK	BEEF SILVERSIDE	BEEF CURRY	BEEF T BONE STEAK	BEEF SIRLOIN STEAK	BEEF PORTER HOUSE STEAK	MINUTE STEAK TENDERISED
WAGYU BEEF BURGERS	BEEF STIRFRY MARINATED	CHUCK STEAK				
				OPEN ITEM (GST INC.)	OPEN ITEM (GST EXEMPT)	OPEN WEIGHT

Operator : GINA TAMMO  
Client : CASH SALE  
TYPE : POINTS/ITEMS : \$ VALUE :  
Barcode/Quantity Total \$21.07

Description	Qty/kg	Amount
BEEF SCOTCH FILLET STEAK	0.257	\$7.71
BEEF EYE FILLET STEAK	0.257	\$8.99
BEEF EYE SILVERSIDE	0.257	\$4.37

Qty / Net Weight	Unit Price	Item Total
0.257 kg N	\$29.99/kg	\$7.71

15% Discount

END SALE

START AGAIN

INSERT MODIFIER

MINUS

QTY [CODES]

TABLES

HOME DELIVERY OR PICKUP

UP

DOWN

SEND TO PICKUPS

RETURNS PAYOUTS


POPUP MISC.

DOCKET HISTORY

SUSPEND TAB No. T/AWAY

Typical Operator Display

FIGURE S827 – 3



BEEF EYE FILLET STEAK \$8.99  
[ 0.257 kg NET @ \$34.99/kg ]

BEEF EYE SILVERSIDE \$4.37  
[ 0.257 kg NET @ \$16.99/kg ]

TOTAL : \$21.07

QUANTITY / NET WEIGHT	UNIT PRICE	ITEM TOTAL
0.257 kg N	\$29.99/kg	\$7.71

FOR ITEM : BEEF SCOTCH FILLET STEAK

Typical Customer Display

FIGURE S827 – 4

**T A X   I N V O I C E**

**MICKS SPECIALIST BBQ MEATS**  
**ABN : 87 976 143 256**  
**4/167 THE BOULEVARDE**  
**FAIRFIELD HEIGHTS 2165**  
**1300 638 088**  
**www.feedmemeat.com.au**  
**info@feedmemeat.com.au**

Client : CASH SALE

Docket No. : 6234

Print Date : 29/01/2022  
Sale Date : 29/01/2022  
Sale Time : 08:36:20  
Order Type : T/AWAY # 3  
Operator : GINA TAMMO  
Payment : CASH

Description	Value
BEEF SCOTCH FILLET STEAK [ 0.257 kg NET @ \$29.99/kg ]	\$7.71
BEEF EYE FILLET STEAK [ 0.257 kg NET @ \$34.99/kg ]	\$8.99
BEEF EYE SILVERSIDE [ 0.257 kg NET @ \$16.99/kg ]	\$4.37
-----	
Total GST :	\$0.00
Sub Total :	\$21.07
<b>Total (Rounded) :</b>	<b>\$21.05</b>
-----	
Amount Given By Customer :	\$50.00
Change Returned :	\$28.95
-----	
Rounding Amount :	\$-0.02

Thank You For Your Business.

A Typical Receipt

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