



Australian Government
**National Measurement
Institute**

Bradfield Road, West Lindfield NSW 2070

Supplementary Certificate of Approval

NMI S606

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.

Poswise Software Model Poswise Point of Sale (POS) System

submitted by Poswise Pty Ltd
 359 Warrigal Road
 Cheltenham VIC 3192

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 M7, *Pattern Approval Specifications for Point of Sale Systems*, dated June 2012.

This approval becomes subject to review on 1/11/17, and then every 5 years thereafter.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	30/10/12
1	Pattern amended (validity date) – interim certificate issued	17/01/13
2	Pattern amended (validity date) – interim certificate issued	24/04/13
3	Pattern approved – interim certificate issued	24/10/13
4	Pattern approved – certificate issued	31/01/14

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S606' and only by persons authorised by the submitter.

Instruments purporting to comply with this approval and currently marked 'NMI PS606' may be re-marked 'NMI S606' 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*.



Dr A Rawlinson

TECHNICAL SCHEDULE No S606

1. Description of Pattern approved on 30/10/12

A Poswise Software model Poswise system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved point of sale systems granted with reference to document NMI M7.

1.1 Key Features

- The system provides point of sale arrangements for a CAS model AP-1 self-indicating non-automatic weighing instrument (approval NMI 6/4C/260A) 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 POS controllers may be connected in a network to share common PLU data, for totalisation, and to accumulate and retrieve management information.

Note: The system is NOT able to apply a preset tare value.

(#) '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 Poswise Software model Poswise point of sale (POS) system (Figure 1) comprises:

(i) POS Controller

The Poswise Software model Poswise POS controller comprises an HP model ap5000 or equivalent (*) PC-based device that operates a Microsoft Windows-based operating system running Poswise version 8.x.x software. The software version number is displayed at the top left of the main screen.

(*) '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.

(ii) Electronic Indications

Indications shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

The Poswise Software model Poswise POS controller has an integral touch sensitive display (#) to provide an indication for the operator (Figure 2).

A Posflex model PD2300 remote 2 line display or equivalent (*) is connected to provide an indication for the customer (Figure 3).

Information additional to that required by document NMI M7, including totalisation details and product images, may also be indicated.

(#) Some models have a conventional keyboard rather than a touch sensitive screen.

(iii) Printing Devices

Transaction records shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

An Epson TM series printer or equivalent (*) is connected to the controller to provide 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 S606

TEST PROCEDURE No S606

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.

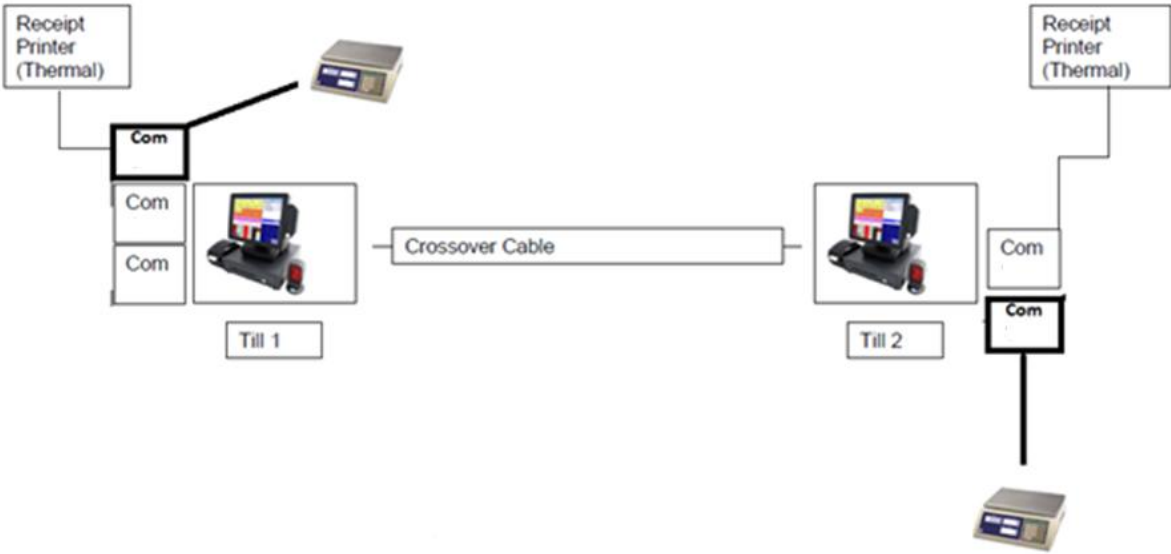
Maximum Permissible Error

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. For cash payment methods, check that any rounding calculation is correct.
4. For network systems check to ensure that the measurement data printed on the transaction record is correctly reproduced.
5. Ensure that electronic indications and printed information are in accordance with document NMI M7.

FIGURE S606 – 1



Poswise Model Poswise Point of Sale (POS) System

FIGURE S606 – 2

Qty	Description	Price					
1	CELERY - EACH	\$1.99	NOSALE	POTATO / PUMPKIN	APPLES	EFT OFFLINE	GIFT VOUCHER
	KG BEANS FRENCH ...	\$1.98	1 / LM CORRECTION	ONION	PEARS	10% DISC	
	0.220kg @ \$8.99/kg		CANCEL SALE	HERBS & LETTUCE	STONE FRUIT / MELON / MANGO	ACCOUNT SALE	
			VOID AN ITEM	TOMATO	OTHER FRUIT	ENABLE SCANNER	RESET SCANNER
			RECEIPT	OTHER VEG	32	100	
\$3.97			SIGN OFF	VEG OPEN	FRUIT OPEN	50	
			(X) QTY	PLANTS OPEN	BOXED ITEMS	20	
7	8	9	CLEAR	RETAIL OPEN	OPEN DELI	10	
4	5	6	REFUND RETURN	MANAGERS SCREEN	carry forward level 1	Credit Card Surcharge	5
1	2	3		WHOLESALE CUSTOMER			EFTPOS
0	00	EXIT SOFTWARE	PLU	PRODUCT ENQUIRY	PRODUCT SEARCH	SUB TOTAL	
						CASH	

Typical Operator Screen

FIGURE S606 – 3



Typical Operator Screen

FIGURE S606 – 4

SPINACH ENGLISH - EACH			\$1.99
LETTUCE COSS - EACH			
	2 @	\$2.99	\$5.98
CELERY - EACH			\$1.99
CORN - COB			
	5 @	\$0.99	\$4.95
5 FOR \$2 CORN			\$-2.95
*RED PEANUTS 400gm TMG			\$6.99
KALE - BUNCH			\$1.99
KG BANANAS HAND - KILOGRAM			
	1.515 kg @	\$2.99/kg	\$4.53
KG APPLES PINK LADY - KILOGRAM			
	1.015 kg @	\$6.99/kg	\$7.09
KG GRAPES GREEN SEEDLESS - KIL			
	1.070 kg @	\$3.99/kg	\$4.27
Total:			\$36.83
GST Total:			\$0.64
* Indicates Taxable Supply			

Paid By:	EFTPOS		\$36.83
Today you saved \$2.95 with our Special Offers!			
No Change Due			

A Typical Receipt