Australian Government

Department of Industry,
Innovation and Science

National Measurement Institute

Supplementary Certificate of Approval

NMI S605

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.

Lenard's Model Touchscreen Point of Sale (POS) System

submitted by   Lenard's Pty Ltd
                 1st Floor, 225 Montague Road
                 West End   QLD   4101

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	26/10/12
1	Pattern approved – certificate issued	13/12/12
2	Variant 1 approved – certificate issued	26/03/15
3	Variant 2 approved – certificate issued	5/11/15

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S605' and only by persons authorised by the submittor.

It is the submittor'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 S605

1. Description of Pattern   approved on 26/10/12

A Lenard's model Touchscreen 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 M7.

1.1   Key Features

• The system provides point of sale arrangements for a Teraoka model Digi DS-772 self-indicating non-automatic weighing instrument (approval NMI 6/4C/240) 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 at store level by the owner/operator or stored (e.g. within a PLU facility) when entered by Lenard's National Support Office.

• 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 Lenard's model Touchscreen point of sale (POS) system (Figure 1) comprises:

(i)   POS Controller

The Lenard's model Touchscreen POS controller comprises a PosView model N270 or equivalent (*) PC-based device with a Microsoft Windows-based operating system running Lenard's 'Pricing and Measurement' legally relevant version 1.0.0.2 software. A non-legally relevant component of the software is also shown as a second ('LPOS') version number. Both these numbers appear on the 'Main Menu/Utilities/About' section of the LPOS software.

(ii) Electronic Indications

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

A PosView model 714MSRT Touch Monitor touch sensitive computer monitor or equivalent (*) is connected to the POS controller to provide an indication for the operator (Figure 2).

(*)   '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.

Note: There is no customer display fitted to the POS system.

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

(iii) Printing Devices

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

An Epson model TM88V printer or equivalent (*) is connected to the controller to provide transaction record printing facility. A typical record is shown in Figure 3.

Labels shall satisfy the requirements of document NMI M7.

An Epson model TSC TTP-245C printer or equivalent (*) is connected to the controller to provide label printing facility.   Typical labels are 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.

1.4 Verification Provision

Provision is made for the application of a verification mark.

1.5 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	Lenards
Serial number or other unique identifier	……...
Pattern approval number	NMI S605

2. Description of Variant 1   approved on 26/03/15

The Lenard's model Touchscreen POS controller described for the pattern now with a Microsoft Windows-based operating system running Lenard's 'Pricing and Measurement' legally relevant version 1.0.0.3 software.

3.   Description of Variant 2   approved on 5/11/15

An AIO Balance model 10.4" monitor or equivalent (*) is connected to the POS controller to provide an indication for the customer (Figure 5). The POS controller described in the pattern also now operates 'Customer Display' legally relevant software version 1.0.0.1 in addition to the legally relevant software of the pattern. The 'Customer Display' software is required only for systems with a customer display connected to the POS controller

(*)   '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.

<div align="center">TEST PROCEDURE No S605</div>

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.
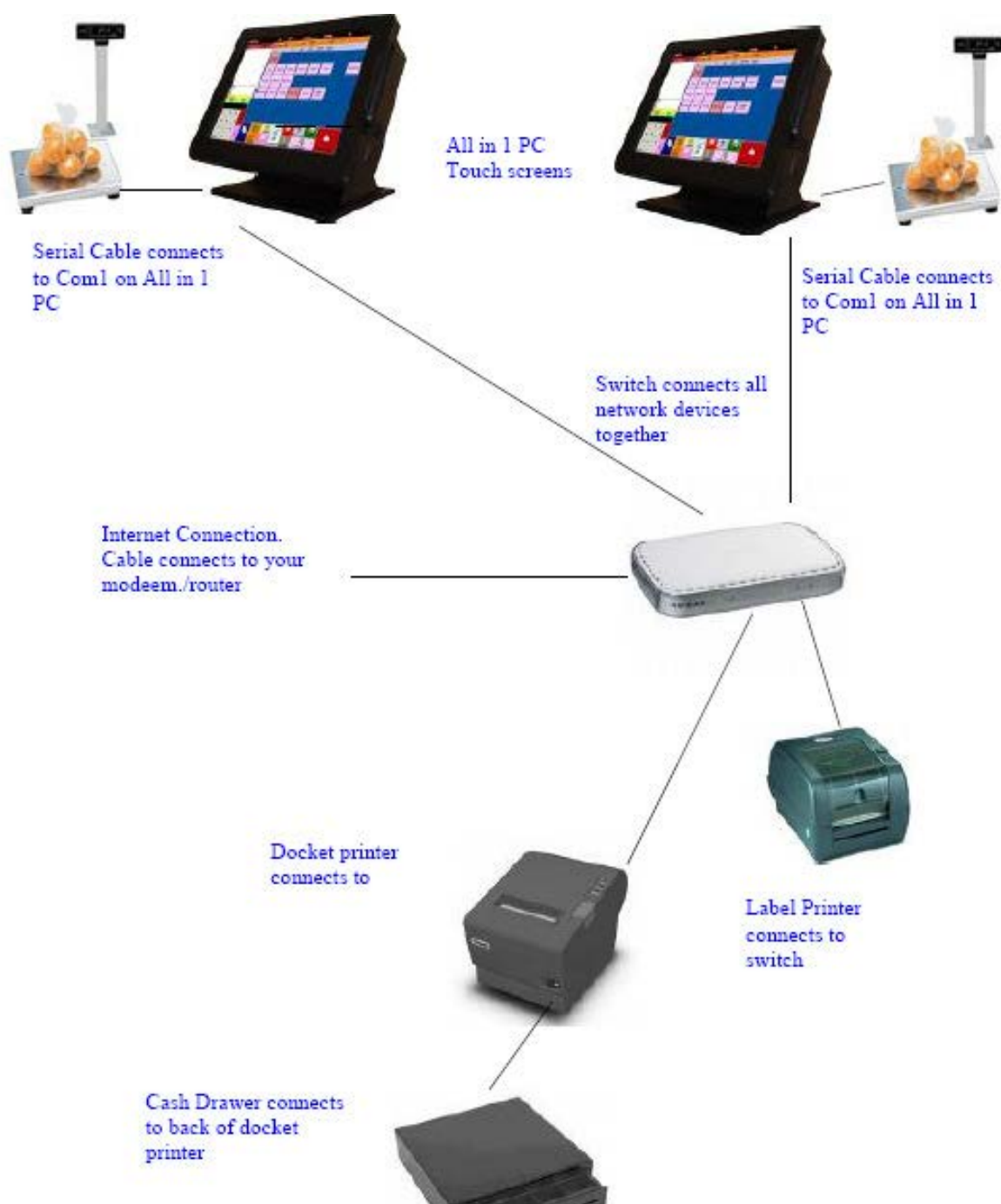
Maximum Permissible Error

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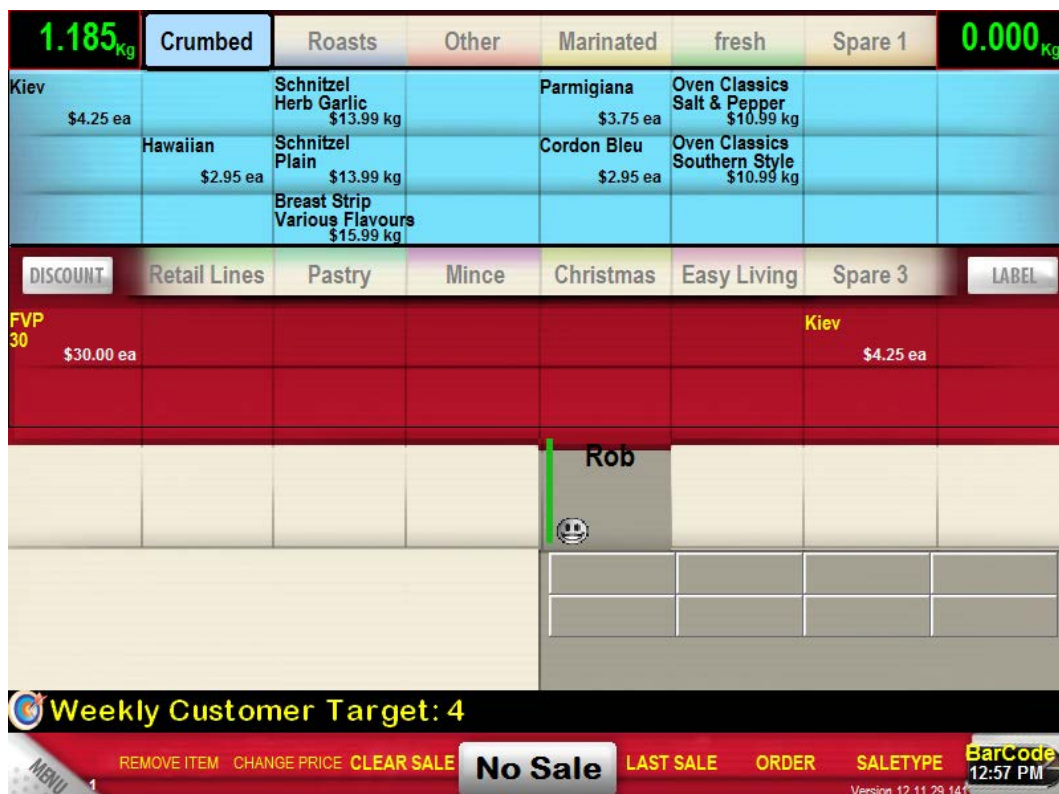
TESTS

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.   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 when a transaction is transferred or stored through the network.

7.   Ensure that electronic indications and printed information are in accordance with samples shown in the Figures attached herein or otherwise in document NMI M7.

FIGURE S605 – 1

All in 1 PC
Touch screens

Serial Cable connects
to Com1 on All in 1
PC

Serial Cable connects
to Com1 on All in 1
PC

Switch connects all
network devices
together

Internet Connection.
Cable connects to your
modeem./router

Docket printer
connects to

Label Printer
connects to
switch

Cash Drawer connects
to back of docket
printer

Lenard's Model Touchscreen Point of Sale (POS) System (Pattern)

FIGURE S605 – 2

1.185 kg	Crumbed	Roasts	Other	Marinated	fresh	Spare 1	0.000 kg
Kiev $4.25 ea		Schnitzel Herb Garlic $13.99 kg		Parmigiana $3.75 ea	Oven Classics Salt & Pepper $10.99 kg		
	Hawaiian $2.95 ea	Schnitzel Plain $13.99 kg		Cordon Bleu $2.95 ea	Oven Classics Southern Style $10.99 kg		
		Breast Strip Various Flavours $15.99 kg					

DISCOUNT	Retail Lines	Pastry	Mince	Christmas	Easy Living	Spare 3	LABEL
FVP 30 $30.00 ea						Kiev $4.25 ea	

Rob
☺

Weekly Customer Target: 4

REMOVE ITEM   CHANGE PRICE   CLEAR SALE   **No Sale**   LAST SALE   ORDER   SALETYPE   BarCode 12:57 PM
MENU 1   Version 12.11.29.141

<LEFT	Crumbed	Roasts	Other	Marinated	fresh	Spare 1	RIGHT>
Kiev $4.25 ea		Schnitzel Herb Garlic $13.99 kg		Parmigiana $3.75 ea	Oven Classics Salt & Pepper $10.99 kg		
	Hawaiian $2.95 ea	Schnitzel Plain $13.99 kg		Cordon Bleu $2.95 ea	Oven Classics Southern Style $10.99 kg		
		Breast Strip Various Flavours $15.99 kg					

DISCOUNT	Retail Lines	Pastry	Mince	Christmas	Easy Living	Spare 3	LABEL
FVP 30 $30.00 ea						Kiev $4.25 ea	

Rob
$16.54
☺

Schnitzel.   1.182 kg $16.54

Congratulations Rob your IPD so far this shift is 3.25!

REMOVE ITEM   CHANGE PRICE   CLEAR SALE   **Done**   LAST SALE   ORDER   SALETYPE   BarCode 12:57 PM
MENU 1   Version 12.11.29.141

Typical Display Screens (Pattern)

FIGURE S605 – 3

A Typical Receipt

FIGURE S605 – 4

Typical Labels

FIGURE S605 – 5

Kg item

Schnitzel		
NET Weight	**UNIT PRICE**	**PRICE**
0.257 kg	$14.98 per kg	$3.85

Item		Qty/Net	Price
Schnitzel		0.257 kg	$3.85
		Total	**$3.85**

Lenard's Chicken — Hello my name is Adrian — **Total** $3.85

Typical Customer Display (Variant 2)

~ End of Document ~