



The National Weights & Measures Laboratory

TEST CERTIFICATE NUMBER GB-1077 Revision 3

Issued by: National Weights and Measures Laboratory
Stanton Avenue
Teddington
Middlesex TW11 0JZ
United Kingdom

Notified Body Number 0126

In accordance with The Council Directive 90/384/EEC on Non-Automatic Weighing Instruments. Conformity with the essential requirements, referred to in Annex 1 of the Directive, is met by application of the European standard on Metrological aspects of non-automatic weighing instruments EN45501:1992.

Applicant: PC-POS Ltd.
The Rutherford Centre
Rutherford Road
Basingstoke
RG24 8PB

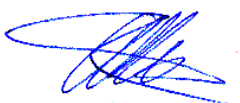
In respect of: The hardware of a model of a **Point of Sale Device** tested as a part of a weighing instrument.
Manufacturer: Datavan, Tai Pai, ROC.
Type: DigiPos Pro PoS System

Characteristics: Characteristics are provided in the Descriptive Annex of this test certificate.

Description and documentation: The Point of Sale device is described in the Descriptive Annex. Documents appertaining to this test certificate are held by the National Weights and Measures Laboratory.

Remarks: The Point of Sale device has been tested and found to conform to the relevant parts of EN45501 and WELMEC Guide 2.2.
A summary of the tests performed in support of this Test Certificate is provided in the Descriptive Annex.

Signature:



A M Rudge
for Chief Executive
National Weights and Measures Laboratory

Date: 27 April 2001
Reference: STD 9468

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Descriptive Annex

1 INTRODUCTION

The DigiPos Pro Point of Sale systems, from PC-PoS Ltd, is designed to be connected to a compatible weight-only or price-computing non-automatic weighing instrument.

This Test Certificate covers only the hardware of the systems.

2 DESCRIPTION

The DigiPos Pro PoS system includes the following standard items:

- Datavan DigiPos Pro processor. If a floppy disk unit is fitted, then this must be either fitted with a lock, and the key for this lock must be held by a responsible person, for example the service engineer, or disabled in some other way i.e. by the software.
- Weighing instrument: This PoS system may be connected to any compatible Class III weight-only or price-computing weighing instrument if the EC Type Approval of that weighing instrument allows it to be connected to PoS systems certified to be connected to an EC Type-approved non-automatic weighing instrument by a Notified Body according to paragraph 1 of Annex II of EC Directive 90/384/EEC.
- Operator's VDU display.
- Operator's keyboard. The following keyboards may be used with this system: - Datakey 78, 78MSR, 128, 128MSR, 75QP and 75QP MSR. These have a keyboard area with a matrix of programmable keys. A magnetic card reader and key lock with off and five other positions are included.

The specified keyboard may be replaced by any conventional PoS or computer keyboard. This may include a key lock and/or a magnetic card reader.

- Customer's display. This has two rows of 20 characters. It is powered from a separate mains power supply unit.
- Any cash drawer.
- Receipt printer. Epson TM-U950.

The specified printer may be replaced by any printer which:

- bears the CE mark for conformity to the EMC Directive 89/336/EEC;
- is not capable of transmitting any data or instructions into the POS other than for releasing the printout, checking for correct data transmission, or validation of customers' cheques;
- prints weighing results and other data as received from the PoS without any modification or further processing; and
- complies with the application requirements of BS EN45501 ie sections 4.2, 4.4, 4.5, 4.6 and 4.7.

This POS may be connected to a fuel dispensing system, where separately approved.

3 TECHNICAL CHARACTERISTICS

The system operates from a nominal 230 VAC at 50 Hz.

4 SOFTWARE

The Point of Sale terminal is free-programmable. It may be used with any compatible Point of Sale software that meets the relevant requirements of EN45501 and WELMEC 2.3 - Guide for Examining Software, provided that this software has a Test Certificate issued by a Notified Body responsible for type examination under Directive 90/384/EEC.

5 INTERFACES

In addition to the units listed in Section 2 above, this POS system has a port which allows it to be connected onto a network or to a back-office computer.

6 ALTERNATIVES

The following alternatives are authorised

- 6.1** DigiPoS99, having a Super Socket 7 processor, and an ACPI on board network card.
- 6.2** DigiPoS2000, having a Super Socket 7 processor, an ACPI on board network card and an external power supply M/No SPQ-4250.

The following DigiPOS99 and DigiPOS2000 interfaces were also tested:

- VGA CRT output
- 4 off serial ports
- PS/2 keyboard port
- PS/2 mouse port
- ACPI LAN port
- 2 of USB ports
- Parallel LPT port

APPENDIX TO DESCRIPTIVE ANNEX

TESTS CARRIED OUT

These tests were performed with the PoS connected to the following equipment:

- Avery A702 weighing instrument with remote display, as approved under Certification T2424.

Tests	Report number
Electrical bursts	SN: 00742
Voltage variations	SN: 00742
Short time power reductions	SN: 00742
Electrostatic discharge	SN: 00742
Immunity to radiated electromagnetic fields	SN: 00742

TEST CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
GB-1077	09 February 1999	Test certificate first issued.
GB-1077 Revision 1	12 November 1999	Any conventional keyboard.
GB-1077 Revision 2	22 December 2000	Connection to a fuel dispensing system.
GB-1077 Revision 3	27 April 2001	Alternative alternatives added, the DigiPoS99 and DigiPoS2000.