



Parts Certificate

Certificate for a part of a measuring system for LOTW
No. 107030

“Wayne iXPay TX” secure payment platform, a payment terminal (OPT) for cards & bank notes

Issued to

Wayne Fueling Systems Sweden AB
Hanögatan 10, SE-211 24 Malmö, Sweden

In respect of (part of instrument)

Payment terminal device for cards & bank notes intended for use with fuel dispensers for motor vehicles.

Characteristics/rated operating conditions

The evaluated part of a measuring system for liquids other than water (LOTW) is a self-service device (SSD) for direct sales, interruptible, unattended delayed payment including a printer.

Accuracy class: 0,5

In accordance with

- WELMEC Guide 8.8, Issue 2 “General and Administrative Aspects of the Voluntary System of Modular Evaluation of Measuring instruments under the MID”,
- WELMEC Guide 10.7, Issue 1 “Guide on evaluating purely digital self-service devices (PDSSD) for sales to the public” and
- WELMEC Guide 7.2, Issue 2015 “Software Guide”.

This Parts Certificate is the positive result of the applied modular approach under these WELMEC Guides, for a part of a measuring system for the continuous and dynamic measurement of quantities of liquids other than water.

This is not a MID Certificate (EU-type examination certificate according to 2014/32/EU), but the MID requirements have been applied. The complete measuring system shall be subject to a conformity assessment procedure as described in MID.

This Parts Certificate is free to use by manufacturers of complete measuring instruments.

Applicable essential requirements MID 2014/32/EU

- MID, Annex I, Essential requirements
- MID, Annex MI-005, Measuring systems for the continuous and dynamic measurement of quantities of liquids other than water (LOTW)

Certificate no 107030 edition 2. Date of issue: March 31, 2017

SP Technical Research Institute of Sweden

Box 857, SE-501 15 Borås, Sweden

Phone: +46 10-516 50 00

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Harmonised standards and normative documents used

Applicable parts of the following normative documents referred to in the Official Journal of the European Union 2011/C33/01:

- OIML R 117-1 Edition 2007 (E), Dynamic measuring systems for liquids other than water

Further applied documents:

- The Measuring Instruments Regulation, STAFS 2016:1
- Regulations and Guidelines concerning Measuring Systems for the Continuous and Dynamic Measurement of Quantities other than Water, STAFS 2016:6
- SP's Certification Rules SPCR 181

Validity

Valid until November 17, 2026.

Miscellaneous

This issue of the certificate is the 2nd extended edition, and replaces earlier issue. The first edition was issued on November 17, 2016.

The principal characteristics, approval conditions are set out in the appendix hereto, which forms part of the approval document. All the plans, schematic diagrams and documentations are recorded under reference files 6P0491 and 7P02343. The evaluation report 6P04910-1 has been issued in accordance with WELMEC Guide 8.8, Voluntary system of Modular Evaluation.

SP Technical Research Institute of Sweden Certification

Lennart Aronsson
Product Certification Manager

Kerstin Mattiasson
Certification Officer

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0 Conditions

The use of this Parts Certificate is limited to combination with “any” fuel dispenser/SSD under the following conditions:

- The communication protocols defined in this certificate are used
- The fuel dispenser/SSD having an EC-type examination certificate covering compatibility with the communication protocol used
- The SSD having an Evaluation or Parts Certificate covering compatibility with the communication protocol used
- The fuel dispenser/SSD having a National Type approval covering compatibility with the communication protocol used

The device must correspond with the following specifications:

1 Design of the device

1.1 Construction

Payment terminal description

Wayne iXPay TX secure payment platform is a family of outdoor payment terminals (OPT) where X stands for the screen size. For example “Wayne iXPay T7” is a “Wayne iXPay TX” with a 7 inch screen.

The payment terminal is a part of a self-service arrangement. It supports the following service mode and type of payment:

	Attended post-payment	Attended pre-payment	Unattended delayed-payment	Unattended pre-payment
“Wayne iXPay TX” payment terminal			X	X

The payment terminal is a self-service device for unattended delayed payment (card) and pre-payment (bank notes) in an interruptible measuring system for direct selling to the public. It includes a printing device. It does not include a memory device.

The payment terminal is peripheral and connected to a site controller/point of sale system (master) through serial communication, multi-drop link. Physical link is LAN/Ethernet serial communication.

It can be single or double-sided. It can be mounted in both Wayne or competitors fuel dispensers, (Picture 1 and 2). It can also be a separate device, mounted on a freestanding column (Picture 3).


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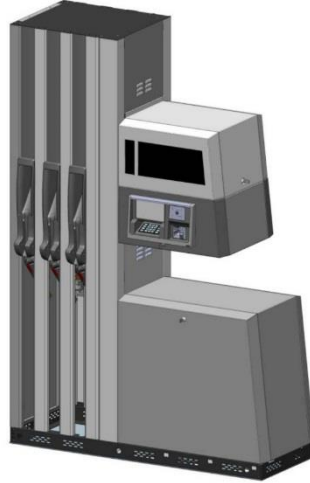
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Picture 1: Wayne iXPAY TX installed in Wayne Helix 2000 Fuel dispenser



Picture 2: Wayne iXPAY TX installed in Wayne Global Star



Picture 3: iXPAY TX mounted on freestanding column

1.2 Components included in Wayne iXPAY TX secure payment platform

The hardware of the self-service device should comply with the EMC-directive and other applicable directives as specified in the Declaration of Conformity of the self-service device.

Components included in all variants

Operating system	Microsoft Windows Embedded CE 6.0
Legally relevant software checksum iXPAY TX	4F97F400 or 417F02FC
Contactless reader (0, 2 pcs)	XAC C150W (WU012781-0001)*
Printer (1, 2 pcs)	Zebra Technologies KR203e (WU006648-000X) or equivalent, with CE-marking and suitable climate specification, tested by Wayne under the condition that the functionality of the checking facilities for power off, decoupling/no serial communication, end of paper, is the same.
Display (1, 2 pcs)	Wayne WU013696-0001 DISPLAY MODULE SECURE, 7" WVGA
Ethernet switch (0, 1 pc)	Wayne WU007300-0001*
Heater (1 pc)	Wayne WM044405 (DBK Typhoon 40-290, 290 W, 10°C, switch = E)*
BOARD POWER PT4000 ASS'Y (+12V) (1 pc)	Wayne WM017290-0002*

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Pin-pad, including payment security function (0, 2 pcs)	Card reader (0, 2 pcs)
SPM2 (WU012497-0004) XAC Automation Corp	XAC P90 (WU012595-0001) XAC Automation Corp

Components included when installed in freestanding-column

Bank note acceptor (BNA) (0, 1 pc)	Japan Cash Machine Co., Ltd, iVizion Series (WM044957)*
Power supply (1 pc)	Channel Well Tech. UAS150B (WM027313-0001)*
Heater lower compartment (0, 1 pc)	Wayne WM044405 (DBK Typhoon 40-290, 290 W, 10°C, switch = 8)*

**or equivalent with CE-marking and suitable climate specification and tested by Wayne*

1.3 Optional equipment and functions subject to MID requirements

Not applicable

1.4 Technical documentation

For market surveillance the construction and included components are described in 1.1 and 1.2. The metrological software is identified by the print data checksum (W&M CRC value), which can be accessed according to 5.3.

1.5 Integrated equipment and functions not subject to MID

Not applicable

2 Technical data

2.1 Rated operating conditions

Payment terminal device for cards and bank notes, intended for use with fuel dispensers for motor vehicles.

Self service device for direct sales, interruptible, unattended delayed payment including a printer.

Measurement range

Scale interval, printed volume	same as dispenser, but not smaller than 0,01 l
Scale interval, printed price	same as dispenser, but not smaller than 0,01 "PRICE"

Accuracy class of measuring system

0,5 or 1,0

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2.2 Other operating conditions

Not applicable

3 Interfaces and compatibility conditions

Communication with other parts of a measuring system (e.g. POS-systems) using one of the following protocols: TCP/IP XML

Installation: Shielded communication cable with screen connected in both ends

SW protocol	Hardware
TCP/IP	LAN PORT

The payment terminal may only be used in a measuring system with:

- all volume indicating and memory devices having the same scale interval as iXPay TX
- all price indicating and memory devices having the same scale interval as iXPay TX
- a memory device on which measurement data are registered (OIML R117-1 (2007), 5.10.3.1.1, 5.10.3.1.5, 5.10.3.2)
- a function that sends warnings from the checking facilities to the payment terminal for presentation on the display (OIML R117-1 (2007), 5.10.3.1.2)

4 Requirements on production, putting into use and utilisation

4.1 Requirements on production

No special requirements identified.

4.2 Requirements on putting into use

Functional test of system link and printer may be performed in the factory according to Wayne Manufacturing Test requirement specification.

4.3 Requirements for consistent utilisations

No special requirements identified.

5 Control of the measuring tasks of the device in use

5.1 Documentation of the procedure

No special requirements identified.

5.2 Special equipment or software, if applicable

No special requirements identified.

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5.3 Identification of

- Hardware

The construction and included components are described in 1.1 and 1.2.

- Software

The legally relevant software is identified by the checksum (W&M CRC value, see 1.2). The checksum is printed on a MID validation receipt.

To print a MID validation receipt:

- Enter “Run Time Diagnostics mode” by:
For terminals with touch screen, press upper left corner, lower left corner in sequence, with maximum 2 seconds between each key press.
For terminals with “soft keys” pressing key 2 and 6 simultaneously.
- Press “MID Checksum”
- MID Checksum is calculated
- Press print
- Receipt with MID checksum is printed.
- Press exit.

All legally relevant data on a sales receipt are surrounded by *.

5.4 Calibration-/adjustment procedure

Not applicable

6 Security measures

6.1 Sealing

The payment terminal is not sealed.

6.2 Data logger

The payment terminal may only be used in a measuring system with a memory device on which measurement data are registered (OIML R117-1 (2007), 5.10.3.1.1, 5.10.3.1.5, 5.10.3.2).

7 Labelling and inscriptions

7.1 Information to be borne by and to accompany the device

The marking plate/label mounted on the device shall contain the following information:

- the name and address of the manufacturer
- the serial number of the payment terminal and year of manufacture
- the designation or type name
- the Parts Certificate number, **107030**, of the payment terminal
- the ambient temperature range
- mechanical class
- electromagnetic class

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- place for identification of the connected fuel dispenser(s)
- place for the verification sticker

7.2 Conformity marking in accordance to MID article 17

This Parts Certificate is not an EC-type examination Certificate. Therefore the payment terminal must **not** be marked with the supplementary metrology marking “M xx”, following the CE marking.

7.3 Further inscriptions, if necessary

No special requirements identified.

7.4 Evaluations carried out for this Parts Certificate

The evaluation under this certificate is recorded in Evaluation Report 6P04910-1 (referring to test and examinations in test report 6P00235-1, 6P00235-01A and 7P01631-1).

A summary of the evaluation under this certificate is given below.

Description	+	-	Remarks
Relevant parts of the checklist OIML R117-1	*		6P00235-1 and 7P01631-1

Extension	Description	+	-	Remarks
Type P	Requirements on basic configuration	/	/	
Type U	Requirements on basic configuration	*		6P00235-01A
Extension L	Requirements on data storage	*		6P00235-01A
Extension T	Requirements on interfaces	*		6P00235-01A
Extension S	Requirements on software separation	*		6P00235-01A
Extension D	Requirements on software download	*		6P00235-01A
Extension I	Specific software requirements	/	/	