

Issued by **NMi Certin B.V.**

In accordance with **WELMEC 8.8 Issue 2, EN 45501:1992/AC:1993, WELMEC 2.3 Issue 3.**

Producer **Infotech Logistics B.V.
Prof. Minckelersweg 4b
5144 NZ Waalwijk
The Netherlands**

Measuring instrument **Software, tested as a part of a weighing instrument.**

Designation : **UniWin**

Further properties are described in the annexes:

- Description TC5788 revision 3;
- Documentation folder TC5788-1.

An overview of performed tests is given in the annex:

- Description TC5788 revision 3.

Remarks **This revision replaces the earlier versions, except for its documentation folder.**

Issuing Authority **NMi Certin B.V.
29 November 2016**


**C. Oosterman
Head Certification Board**

1 General information about the software

All properties of the software, whether mentioned or not, shall not be in conflict with the standards mentioned in this certificate.

This certificate is the positive result of the applied voluntary, modular approach, for a component of a measuring instrument, as described in WELMEC 8.8. The complete measuring system must be covered by an EC type-approval certificate, an EC-type examination certificate or an EU-type examination certificate.

1.1 Essential parts

Legally relevant parts named:

- WBDriver.dll;
- TallyRol.dll;
- Tally.tlr, or YYYYMMDD.tlr.

1.2 Essential characteristics

Operating system:

- Windows.

Legally relevant functions:

- Interface to receive weighing data (gross values only);
- Interface to send tare and zero command;
- Handling of manual weight data;
- Determination of stability of equilibrium;
- Weight calculation (only in case of weighing instruments with an output in division instead of weight values);
- Net calculation based upon a two gross weight values;
- Gross weight calculation for combined and multi plate weighing instruments in accordance with WELMEC 2 2015 clause 3.1.16;
- Looking up weighing data;
- Printing of weighing data;
- Storage of weighing data in a protected file:
 - Older versions use one file (tally.tlr);
 - Newer versions use one file per day (YYYYMMDD.tlr);
- The software can use serial communication or TCP/IP communication.



Description

Number **TC5788** revision 3
Project number SO16203939
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Software identification:

The software will show the following information in the menu "help / about":

- Name of the producer;
- This certificate number TC5788
- Program identification:

Program module	Version	Checksum
WBDriver.dll	-	372DC0E9, or 0D7EAABC, or B4FA1281
TallyRol.dll	-	69DD3E0D, or 885CE6F3, or 265E381A

1.3 Essential shapes

Number	Pages	Description	Remarks
-	1	Flowchart of all software part	-

1.4 Non-essential parts

Non-legally relevant software and non-legally relevant parameters (WELMEC 2.3 Issue 3 clause 2):
The software may contain files or programs that have non-essential properties, for example (but not limited to) invoice modules, database modules and operating system, provided that they do not lead to an instrument having other characteristic than those fixed by this certificate.

2 Seals

The software uses software sealing. No hardware sealing is required.

3 Conditions for conformity assessment

The correct functioning of the software in combination with the weighing instrument shall be checked during the conformity assessment.

Other parties may use this Certificate without the written permission of the producer.

4 Reports

An overview of performed tests is given in the reports:

- No. 10121311 dated 13 September 2000 that includes 8 pages.

A report can be a test report, an evaluation report, a type evaluation report and/or a pattern evaluation report.