NMO

Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R76/2006-GB1-15.05
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**

Person responsible: **Mannie Panesar – Head of Technical Services**

Applicant: **Datalogic USA, Inc.**
959 Terry Street
Eugene
Oregon 97402
USA
Country

Manufacturer: **The applicant**

Identification of the certified pattern: **Magellan 9300i or 9400i scanner/scale**

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organisation of Legal Metrology (OIML):

OIML R76 - Edition 2006(E) for **accuracy class**: [III]

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

This revision replaces previous versions of the certificate.

Issue Date: **08 March 2017**

G Stones
Technical Manager
For and on behalf of the Head of Technical Services

UKAS PRODUCT CERTIFICATION
0135

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NMO is part of the Regulatory Delivery directorate within the Department for Business, Energy & Industrial Strategy

The conformity was established by testing and examinations described in the associated Evaluation Report P01445 which includes 14 pages.

Characteristics of the instrument:

Main features:

This instrument is a Magellan 9300i or Magellan 9400i scanner/scale (models 939404 and 939406), Class III, mains operated, self-indicating, weight only, single or dual interval, Non-Automatic Weighing Instrument.
The instrument is designed for direct sales to the public.

Main features:

- The diecast base unit supports the load cell, barcode scanner assembly, main board and analogue boards. The scale sub-assembly is mounted on the load cell and the steel "L" shaped load receptor is mounted on the four supporting points on the scale sub-assembly.
- Designed to be flush-mounted in a fixed position in a checkout surface. Instruments may be fitted with a level indicator.
- Remote LCD single sided display model 8300RD or 960RD.
- Phihong model PSAA18U-120 mains power adapter.
- Model 939404 dimensions length 40.1 cm, width 29.2 cm and height 22.5 cm
- Model 939406 dimensions length 50.8 cm, width 29.2 cm and height 22.5 cm

Devices:

- Initial zero setting device (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Automatic zero setting device
- Zero indicator
- Gravity compensation

Load cell:

The load cell is a Mettler-Toledo, part number SLP33xD, with a capacity of 30 kg.

Technical data:

Power supply is provided by a Philong model PSAA18U-120 mains power adapter that provides a 12 V DC supply to the weighing instrument and barcode scanner, from a 100-240 VAC, 50/60 Hz mains supply.

The temperature range for the instrument is +10 ºC to +40 ºC.

$n_i \leq 3\,000$
6 kg ≤ Maximum capacity ≤ 15 kg
Min = 20 e
e ≥ 2 g

Display:

The Datalogic 8300RD or 960RD liquid crystal display (LCD) provides a five-digit, 15 mm high seven segment weight display. An enunciator to the right of the weight display shows the weight unit. One or two displays may be used.

Interfaces:

The instrument may have the following interface type:

- POS terminal (RJ10)
- Remote display (RJ4)
- Scale host (RJ10)
- Auxiliary port (RJ10)
- EAS port (RJ45)
- Power (Molex 3 pin)
- USB
- Image port

Markings:

The instrument bears the following legends on or near the display:

Max
Min
e =

The instrument bears the following legends:

Accuracy class
Serial number (may be on a separate label)
Manufacturer's mark or name
Certificate number
Special temperature limits (+10 ºC to +40 ºC)

The markings labels are affixed on the sub platter underneath the load receptor in such a manner that they are easily accessible and clearly visible when the load receptor is removed.

Software:

The legally relevant parameters (scale configuration and calibration) are stored in EEPROM (Electrically Erasable Programmable Read Only Memory) on the circuit board, and have the following identification versions numbers used for verification purposes:

1-70-28
2-0-0

These version numbers are displayed on the health and status indicator by entering scale diagnostics mode. The method to enter scale diagnostics mode is provided in the Product Reference Guide (PRG).

Access to the calibration mode is only allowed by operating a switch behind a sealing cap.

Seals:

Components that may not be dismantled or adjusted by the user (EEPROM, calibration switch, load cell) shall be secured by a tamper-evident solution bearing a securing mark. The securing mark may be either:

- a mark of the manufacturer and/or manufacturer's representative, or
- an official mark of a verification officer.

CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
R76/2006-GB1-15.05	30 March 2015	Certificate first issued.
R76/2006-GB1-15.05 Revision 1	08 March 2017	Applicant/manufacturer name changed on front page from "Datalogic ADC, Inc." "CE Marking" and "Green M" has been removed from under Markings.