



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

**OIML Certificate No  
R76/1992-GB1-09.07**

## **OIML CERTIFICATE OF CONFORMITY**

Issuing authority

Name: **National Weights and Measures Laboratory  
(Part of the National Measurement Office)**  
Address: **Stanton Avenue  
Teddington  
Middlesex  
TW11 0JZ  
United Kingdom**

Person responsible:

**Paul Dixon - Product Certification Manager**

Applicant

Name: **Datalogic Scanning, Inc**  
Address: **959 Terry Street  
Eugene  
Oregon 97402  
USA**

Identification of the certified pattern:

**Non-automatic weighing instruments designated the  
Magellan 8502 and 8504 scanner scale.  
Further characteristics see page 2**

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 Organization of Legal Metrology (OIML):

<b>OIML:</b>	<b>R76</b>
<b>Edition:</b>	<b>1992 (E)</b>
<b>Accuracy class:</b>	<b>III</b>

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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.

The conformity was established by tests described in the associated:

Test report:	R2002/104 (NSC) having 68 pages
Test report:	R2003/148 (NSC) having 68 pages
Test report:	SN 1093 (NWML) having 49 pages
Checklist:	P00093 (NWML) having 12 pages

The issuing authority



Mr P R Dixon

The CIML member



Mr P Mason

Date: 24 June 2009  
Ref: T1128/0174

**Description:**

- The Magellan 8502 and 8504 are Class III, mains-powered, self-indicating non-automatic weighing instruments fitted with a barcode scanner.

$n \leq 3000$

$9.99 \text{ kg} \leq \text{Maximum capacity} \leq 15 \text{ kg}$

$\text{Min} = 20 \text{ e}$

$e \leq 5 \text{ g}$

- Additional LCD customer/operator display, Model 8300RD, having single or dual display configuration.
- Optional one piece Sensormatic EAS coil assembly.

**Construction:**

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.

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**Load cell:**

When using the Shekel Scales load cell (Datalogic part number 8-0929) the following weighing ranges are permitted:

<b>Interval mode</b>	<b>Lower Weight Limit (kg)</b>	<b>Upper Weight Limit (kg)</b>	<b>e (kg)</b>
Single	0	15	0.005
Dual (Lower)	0	6	0.002
Dual (Upper)	6	15	0.005

When using the Mettler Toledo load cell (Datalogic part number 8-0575) the weighing parameters are as defined on page 2.

**Technical characteristics:**

Power supply is provided by either a C&C Jetronic model PSU25A-13 or Philong model PSM28U-201 mains power adapter; both provide a +5 V DC and +12 V DC supply to the weighing instrument and barcode scanner from a 100-240 V AC, 50/60 Hz mains supply.

**Interfaces:**

The instrument may have the following protected interfaces:

- POS terminal (RJ10)
- Remote display (RJ4)
- Auxiliary port (RJ10)
- Scale host (RJ10)
- EAS port (RJ4)
- Power (Molex 6)

**Certificate History**

ISSUE NO.	DATE	DESCRIPTION
R76/1992-GB1-09.07	24 June 2009	Certificate first issued

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