

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

OIML Certificate No  
R76/2006-GB1-12.08  
Revision 1

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**  
Person responsible: **Mannie Panesar – Head of Technical Services**  
Applicant: **Ishida Co. Ltd  
44 Sanno-cho  
Shogoin, Sakyo-Ku  
Kyoto, 606-8392  
Japan**  
Manufacturer: **The applicant**  
Identification of the  
certified pattern: **WM-AI and IP-AI**

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.

**Issue Date: 01 August 2017**

A handwritten signature in black ink, appearing to read 'Glas'.

**Grégory Glas**  
**Technical Manager**  
*For and on behalf of the Head of Technical Services*



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The conformity was established by testing and examinations described in the associated Evaluation Report P00732 which includes 14 pages.

**Characteristics of the instrument:**

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The WM-AI model is a Class III, self-indicating, dual-interval, non-automatic weighing instrument with wrapping and label printing devices.

The IP-AI model is a weigh-price labelling instrument with similar characteristics and operation, but without the wrapping function.

The instruments are not designed for direct sales to the public.

**Main features:**

- Weighing module mounted in the in-feed conveyor section within a framework of fabricated stainless steel
- Load cell mounted in an enclosed housing and supporting the weighing module
- User display and control interface comprising LCD touch screen display and keyboard
- Thermal label printers / applicators (maximum three printers)
- Wrapping device (WM-AI) – (maximum two film rolls)

**Devices:**

- Initial zero setting device ( $\leq 20\%$  of Max)
- Semi-automatic zero setting device ( $\leq 4\%$  of Max)
- Zero tracking device ( $\leq 4\%$  of Max)
- Zero indicator
- Net indicator
- Semi-automatic subtractive tare weighing device
- Preset Tare device
- Gravity compensation
- Price-computing
- PLUs
- Wrapping (WM-AI) and labelling (WM-AI and IP-AI) devices

**Interfaces:**

- Ethernet
- USB

**Load cell:**

Instrument capacity (Max)	6 kg		15 kg	
Model	CLC-10L	CLC-10N	CLC-25L	CLC-25N
Manufacturer	Ishida	NMB	Ishida	NMB
$E_{max}$	10 kg	10 kg	25 kg	25 kg
$n_{LC}$	3000	3000	3000	3000

Technical data:

The instrument operates on a 200 to 240 Vac (50 Hz) mains power supply, which provides 24 VDC to the weighing unit.

The temperature range for the instruments is 0 °C / +40 °C.

Software:

Legally relevant software parts shall be as follows (where 'x' covers minor updates):

- Scale software: J0776x (protected via physical seal on calibration switch)
- Scale Driver: J0834x (changes recorded in audit trail)
- Updater: J0835x (changes recorded in audit trail)

Non-legally relevant software parts can be loaded without pressing the switch or being included in the audit trail:

- Printer software
- Wrapping machine control software
- Utilities software

Construction variants:

- Having the model WM-AI fitted with an in-feed conveyor.
- Having an additional under pack label printer / applicator fitted into the out-feed conveyor section for application of a product traceability scheme label to the underside of the product.
- Having the model WM-AI with the printer mounted on the outside of the cabinet, in which case the product label is applied manually.
- Having the IP-AI instrument fitted with an additional label printer.

Sealing:

Access to the load cell, electronics and calibration switch is prevented by a tamper-evident seal.

Alternatives:

Having a modified instrument designated the IP-AI, the indicator is connected to a weighing platform type S. This instrument has the following characteristics:

Max	30 kg	60 kg	120 kg
Min	100 g	200 g	400 g
e =	5 g	10 g	20 g
T =	-29.995 kg	-59.99 kg	-119.98 kg
Load cell Model	ZLC-60L	ZLC-150L	ZLC-300L
Load cell Manufacturer	Ishida	Ishida	Ishida
E <sub>max</sub>	60 kg	150 kg	300 kg
Temperature range	0 °C to +35 °C		
Power supply	200-240 VAC / 50 Hz		

Access to the “memory” switch and electronics for the platform is prevented by tamper-evident seals.

The connection between the indicator and the platform is sealed by using common serial numbers.

The main data plate for the instrument is located on the side of the indicator IP-AI. Another plate repeating the metrological characteristics and serial number is located on the side of platter.

#### **CERTIFICATE HISTORY**

<b>ISSUE NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
R76/2006-GB1-12.08	17 July 2012	Certificate first issued.
R76/2006-GB1-12.08 Revision 1	01 August 2017	Sealing and Alternatives sections added.