National Measurement Office

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

OIML Certificate No
R76/2006-GB1-12.08

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Product Certification Manager**

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 R 76 - 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: **17 July 2012**
Reference No: **TS1201/0031**

Signatory: **P R Dixon**

UKAS PRODUCT CERTIFICATION 0135

BIS Department for Business Innovation & Skills

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The conformity was established by tests described in the associated pattern evaluation report P00732 which includes 13 pages.

Characteristics of the instrument:

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.

Construction:

- 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 (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 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 200-240 VAC / 50 Hz power supply, which provides 24 VDC to the weighing unit.

The temperature range is 0 to +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.

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R76/2006-GB1-12.08	17 July 2012	Certificate first issued.