

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

OIML Certificate No
R51/2006-GB1-12.02

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: **WPL-AI-S Series**

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 51 - Edition 2006(E) for accuracy class Y(a) and XIII(1)

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: **02 October 2012**
Reference No: **TS0101/0017**



Signatory: **P R Dixon**

The conformity was established by tests and examination described in the associated pattern evaluation report P00941 which includes 12 pages.

Characteristics of the instrument:

This pattern of an automatic catchweigher, designated the “WPL-AI-S Series”, operates as an automatic weight or weight/price labeller (Category Y). It comprises a self-indicating and price computing weighing machine with associated thermal label printers and mechanical handling facilities. The instrument may also operate as an automatic checkweigher (Category X). The instrument is designed to weigh packs dynamically.

Construction:

- Floor-standing stainless steel frame on stainless steel feet
- Scale conveyor, in-feed and out-feed conveyors (any number)
- Labeller (any number)
- Photocells for pack detection (any number)
- Scale Control Unit is located behind the weigh conveyor
- Main Control Unit (MCU) located behind the out-feed conveyor
- Display Unit located on a pole-mounted surface above the out-feed conveyor and consisting of a colour LCD panel, a plastic enclosure and a touch screen membrane overlay

Devices:

- Initial zero-setting device ($\leq 20\%$ of Max)
- Semi-automatic zero-setting device ($\leq 4\%$ of Max)
- Automatic zero-setting at start of automatic operation ($\leq 4\%$ of Max)
- Automatic zero-setting as part of the weighing cycle ($\leq 4\%$ of Max)
- Zero-tracking device ($\leq 4\%$ of Max)
- Preset tare device (subtractive)
- Zero indication
- Belt speed setting accessible to user
- Device to determine when stability criteria fulfilled
- Static calibration not accessible to user
- Price computing
- Printing

Technical data:

Maximum capacity (Max)	2 kg		4 kg			
Minimum capacity (Min) – Y(a)	0.020 kg		0.040 kg			
Minimum capacity (Min) – XIII(1)	0.125 kg		0.250 kg			
Scale interval (e=)	0.001 kg		0.002 kg			
Preset Tare (PT)	-1.999 kg		-3.998 kg			
Load cell model	Ishida TLC-30LT ($E_{max} = 30$ kg)					
Accuracy Class	XIII(1)		Y(a)	XIII(1)		Y(a)
Maximum belt speed (m/min)	70	65	70	70	65	70
Climatic environment (°C)	-5 to +40	-5 to +40	0 to +40	-5 to +40	-5 to +40	0 to +40
	Non-condensing (closed)					
Electromagnetic environments	E1 and E2					
Rated power supply	230 V a.c. 50/60 Hz					
Rated pneumatic supply pressure	0.45 to 0.55 MPa					

Software:

The legally relevant software version number is 'B0452B' which is displayed in the Initial Message on the Display Unit when power is turned on or via the ADJUST menu.

Interfaces:

- USB - up to 6 ports
- Ethernet - up to 1 port
- RS-232C - up to 6 ports

Sealings:

The Scale Control Unit board is sealed to prevent access to the calibration store button and to the load cell connection.

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R51/2006-GB1-12.02	02 October 2012	Certificate first issued
-	-	No revisions have been issued.