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| OIML Member State United Kingdom of Great Britain and Northern Ireland | OIML Certificate No. R76/2006-A-GB1-18.05 |
| OIML CERTIFICATE ISSUED UNDER SCHEME A | |
| OIML Issuing Authority NMO Stanton Avenue Teddington TW11 0JZ United Kingdom | |
| 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 type | WM-AI and IP-AI <i>(the characteristics are defined in the Descriptive Annex)</i> |
| <p>This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):</p> <p>OIML R 76-1, Edition: 2006</p> <p>For accuracy class: III</p> | |
| <p>The OIML Issuing Authority</p> <p>Issue date: 16 May 2018</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div data-bbox="188 1742 561 1966">  Grégory Glas Lead Technical Manager <i>For and on behalf of the Head of Technical Services</i> </div> <div data-bbox="1241 1778 1358 1928">  </div> </div> <p style="text-align: right;">0135</p> | |

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. P02321 dated 16 May 2018 that includes 16 pages

The technical documentation relating to the identified type is contained in documentation file:

No. P02321-D dated 16 May 2018

OIML Certificate History

| Revision No. | Date | Description of the modification |
|---------------------|-------------|--|
| Revision 0 | 16 May 2018 | Certificate first issued. |
| - | - | - |

No revisions have been issued.

Important note:

Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

DESCRIPTIVE ANNEX

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.

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

Sealing:

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

Alternatives:

1. Having the model WM-AI fitted with an in-feed conveyor.
2. 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.
3. Having the model WM-AI with the printer mounted on the outside of the cabinet, in which case the product label is applied manually
4. Having the IP-AI instrument fitted with an additional label printer.
5. Having a modified instrument designated the IP-AI, the indicator is connected to a weighing platform type S. This instrument has the following characteristics:

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|------------------------|---------------------|-----------|------------|
| 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 _{max} | 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.

6. Having a modified instrument; the main board utilises Inter® Atom™ processor E3800 product family (comprising the E38xx models).