OIML Member State United Kingdom of Great Britain and Northern Ireland	**OIML Certificate No.** **R76/2006-A-GB1-20.06**

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	**Yongkang Huaying Weighing Apparatus Co.Ltd** **20 Tianhe North Road, Shihou Industrial Zone** **Yongkang City, Zhejiang Province** **PR China**
Manufacturer	**The applicant**
Identification of the certified type	**ACS-823** *(the detailed characteristics are defined in the Descriptive Annex)*

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):

OIML R 76-1, Edition: 2006

For accuracy class: III

Issue date: 27 August 2020

The OIML Issuing Authority

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

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NMO is part of the Office for Product Safety and Standards within the Department for Business, Energy & Industrial Strategy

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. P02569 dated 27 August 2020 that includes 16 pages.

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

No. P02569-D dated 27 August 2020.

OIML Certificate History

Revision No.	Date	Description of the modification
Revision 0	27 August 2020	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:

This model of instruments is designated the ACS-823. The instruments are Class III, mains-powered or battery operated, self-indicating, price-computing, single-interval, non-automatic weighing instruments.

The instruments may be used for direct sales to the public.

Main features:

- − Plastic construction
- − Operator's keypad
- − Stainless steel load receptor
- − Integral, front and rear LCD/LED displays (Figure 2)
- − LCD/LED enunciators
- − Level indicator under the load receptor
- − Adjustable feet

Devices:

- − Initial zero setting device (≤ 20% of Max)
- − Automatic zero setting device (≤ 4% of Max)
- − Semi-automatic zero setting device (≤ 4% of Max)
- − Zero tracking device (≤ 4% of Max)
- − Zero indicator
- − Net indicator
- − Semi-automatic subtractive tare balancing device
- − Price-computing (weighed items only)
- − PLUs

Load cell:

The load cell is a Xiamen Load Cell tech. Co. Ltd. load cell, model LAB-B, Emax = 40kg.

Interfaces:

The instruments have no accessible interfaces.

Technical data:

The instruments can operate on a 220 VAC, 50 Hz mains power supply or on an CE marked main adaptor with 6 VAC. The instrument can also operate on an integrated rechargeable 4 V, 4 Ah battery. The battery cannot be recharged during operation.

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

Max	30 kg
Min	200 g
e =	10 g
T=	- Max

Software:

The software identification shall be U1.x.x, where x.x reflects non-legally relevant changes. This information is displayed at power up.

Access to the legally relevant parameters and download of software is only possible by accessing the calibration switch or jumper J2 on the main board. This is prevented by sealing the enclosure (Section Sealing).

Sealing:

Access to the electronics, load cell and calibration switch or jumper is prevented by sealing the enclosure using a tamper-evident method.

Alternatives:

There are currently no authorised alternatives.