

	 
<b>OIML Member State</b> Japan	<b>OIML Certificate No.</b> R76/2006-A-JP1-26.01
<b>OIML CERTIFICATE ISSUED UNDER SCHEME A</b>	
<b>OIML Issuing Authority</b> Name: National Metrology Institute of Japan /National Institute of Advanced Industrial Science and Technology (NMIJ/AIST) Address: AIST Tsukuba Central 3, Tsukuba Ibaraki 305-8563, Japan <b>Person responsible:</b> ISHIMURA Kazuhiko, President of AIST	
<b>Applicant</b> Name: SHINKO DENSHI CO., LTD. Address: 1-52-1 Itabashi, Itabashi-ku Tokyo 173-0004 Japan	
<b>Manufacturer</b> Name: SHINKO DENSHI CO., LTD. Address: 1-52-1 Itabashi, Itabashi-ku Tokyo 173-0004 Japan	
<b>Identification of the certified type</b> (the detailed characteristics will be defined in the additional pages) Models: ALG-H series	
<b>Designation of the module</b> (if applicable) Non-automatic weighing instruments	
<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><b>OIML R 76-1, Edition: 2006</b></p> <p>For accuracy class: (I) (II)</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. 2025-002, dated 8 May 2026, that includes 5 pages

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

No. 2025-002-D, dated 8 May 2026

**OIML Certificate History**

Revision No.	Date	Description of the modification
Revision 0	13 May 2026	OIML Certificate first issued
-	-	-
-	-	-

This revision replaces previous versions of the certificate.

Identification, signature and stamp

**The Issuing Authority**

NMIJ/AIST

**The CIML Member**

大田 明博

ISHIMURA Kazuhiko  
President of AIST  
13 May 2026



OTA Akihiro  
13 May 2026

The accreditation body:

NMIJ/AIST has achieved accreditation under the ASNITE-Product (OIML) scheme of IAJapan, which applies ISO/IEC 17065:2012 and regulations relevant to OIML-CS as the accreditation criteria. The accreditation identification for this accreditation is ASNITE 0001 Product and the details of the accreditation information could be referred from the IAJapan website (<https://www.nite.go.jp/en/iajapan/asnite/lab/index.html>).

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 ALG-H series are class I and class II, self-indicating and non-automatic weighing instruments.

The mass detection method of the ALG-H series is a tuning fork sensor.

The instruments can be switched to the unit of measurement (momme) for special applications, e.g. trade with pearls. The symbol for the momme is mom (1 mom = 3.75 g).

### Technical data:

Type		ALG223H	ALG323H	ALG623H	ALG1203H	ALG1502H
g	Class	II	II	II	I	II
	Max	220 g	320 g	620 g	1200 g	1500 g
	e	0.01 g	0.01 g	0.01 g	0.01 g	0.1 g
	d	0.001 g	0.001 g	0.001 g	0.001 g	0.01 g
	Min	0.02 g	0.02 g	0.02 g	0.1 g	0.5 g
ct	Class	II	II	II	I	II
	Max	1100 ct	1600 ct	3100 ct	6000 ct	7500 ct
	e	0.1 ct	0.1 ct	0.1 ct	0.1 ct	1 ct
	d	0.01 ct	0.01 ct	0.01 ct	0.01 ct	0.1 ct
	Min	0.2 ct	0.2 ct	0.2 ct	1 ct	5 ct
Temperature range		5 °C to 35 °C			10 °C to 30 °C	5 °C to 35 °C

Type		ALG2202H	ALG3202H	ALG6202H	ALG8201H	ALG15001H
g	Class	II	II	II	II	II
	Max	2200 g	3200 g	6200 g	8200 g	15000 g
	e	0.1 g	0.1 g	0.1 g	1 g	1 g
	d	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
	Min	0.5 g	0.5 g	0.5 g	5 g	5 g
ct	Class	II	II	II	-	-
	Max	11000 ct	16000 ct	31000 ct	-	-
	e	1 ct	1 ct	1 ct	-	-
	d	0.1 ct	0.1 ct	0.1 ct	-	-
	Min	5 ct	5 ct	5 ct	-	-
Temperature range		5 °C to 35 °C				

### Device:

- Initial zero-setting device ( $\leq 20\%$  of Max)
- Semi-automatic zero-setting device ( $\leq 4\%$  of Max)
- Zero-tracking ( $\leq 4\%$  of Max)
- Semi-automatic subtractive tare weighing ( $T = -\text{Max}$ )
- Indication of stable equilibrium device

Interface:

- RS232C (to connect personal computer, printer and external display etc.)
- USB interface (to connect Personal computer and mobile battery)

One of the following interfaces may be incorporated:

- RS232C (to connect personal computer, printer and external display etc.)
- Relay output(to connect indicator)
- Ethernet (to connect personal computer)
- Bluetooth (to connect personal computer)

Software:

The legally relevant software is designated version A28B.

Sealing:

Access to the legally relevant software and parameters is prevented by sealing labels.  
After the sealing label is peeled off, it cannot be reused.

