



OIML Member State
Japan

OIML Certificate No.
R76/2006-A-JP1-23.01

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

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

Person responsible: ISHIMURA Kazuhiko, President of AIST

Applicant

Name: A&D Company, Limited
Address: 3-23-14 Higashi-ikebukuro, Toshima-ku, Tokyo 170-0013 JAPAN

Manufacturer

Name: A&D Manufacturing Company, Limited.
Tsukuba Factory
Address: 4210-15 Takasai, Shimotsuma-shi, Ibaraki-ken 304-0031 Japan

Identification of the certified type (the detailed characteristics will be defined in the additional pages)

Models:
GX-L series

Designation of the module (if applicable)

Non-automatic weighing instruments

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: (II)

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. 2023-001, dated 19 July 2023, that includes 5 pages

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

No. 2023-001-D, dated 19 July 2023

OIML Certificate History

Revision No.	Date	Description of the modification
Revision 0	19 July 2023	OIML Certificate first issued
-	-	-
-	-	-

This revision replaces previous versions of the certificate.

Identification, signature and stamp

The Issuing Authority
NMIJ/AIST

The OIML Member

ISHIMURA Kazuhiko
President of AIST
19 July 2023



(Handwritten signature in blue ink)

TAKATSUJI Toshiyuki
19 July 2023

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 GX-L series is a class II, self-indicating, non-automatic weighing instrument.
The mass detection method of the GX-L series is an electromagnetic force balance sensor.

Technical data:

Type	GX-12001L	GX-22001L	GX-32001L GX-32001LS	GX-32001LD
Class	II			
Max	12 kg	22 kg	32 kg	32 kg
e	1 g	1 g	1 g	1 g
d	0.1 g	0.1 g	0.1 g	0.1g(~6.2 kg)*
Min	5 g	5 g	5 g	5 g
Temperature range	10 °C to 30 °C			
Power supply	AC100 V to 240 V			

*GX-32001LD displays the actual scale interval (d = 0.1 g) up to 6.2 kg.

Type	GX-62000L GX-62000LS	GX-102000L GX-102000LS
Class	II	
Max	62 kg	102 kg
e	10 g	10 g
d	1 g	1 g
Min	50 g	50 g
Temperature range	10 °C to 30 °C	
Power supply	AC100 V to 240 V	

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 = - Max)
- Zero indicator
- Indication of stable equilibrium device

Interface:

One or several of the following interfaces may be incorporated:

- USB interface (to connect Personal computer)
- Serial data interface RS232C (to connect Printer)
- Bluetooth interface (to connect Personal computer)

Software:

The legally relevant software is designated version P-1.xxx, with x reflecting non-legally relevant changes.

Sealing:

Access to the legally relevant software is prevented by wire type seals.
Access to the load receptor is prevented by tamper evident seals.

