OIML Member State Japan	**OIML Certificate No.** **R76/2006-A-JP1-25.02**

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 SCALES CO., LTD.
Address: 191, Inseok-ro, Deoksan-myeon, Jincheon-gun, Chungcheongbuk-do, 27856, KOREA

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

Models:
FZ 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: (I)

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. 2025-001, dated 6 November 2025, that includes 5 pages

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

No. 2025-001-D, dated 6 November 2025

OIML Certificate History

Revision No.	Date	Description of the modification
Revision 0	7 November 2025	OIML Certificate first issued
-	-	-
-	-	-

This revision replaces previous versions of the certificate.

Identification, signature and stamp

The Issuing Authority
NMIJ/AIST

ISHIMURA Kazuhiko
President of AIST
7 November 2025

The CIML Member

OTA Akihiro

7 November 2025

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 FZ series is class I, self-indicating and non-automatic weighing instrument.
The mass detection method of the FZ series is an electromagnetic force balance sensor.

Technical data:

Type		FZ-104	FZ-154	FZ-254
g	Class	I		
	Max	102 g	152 g	252 g
	e	0.001 g	0.001 g	0.001 g
	d	0.0001 g	0.0001 g	0.0001 g
	Min	0.01 g	0.01 g	0.01 g
ct	Class	I		
	Max	510 ct	760 ct	1260 ct
	e	0.01 ct	0.01 ct	0.01 ct
	d	0.001 ct	0.001 ct	0.001 ct
	Min	0.1 ct	0.1 ct	0.1 ct
Temperature range		10 °C to 30 °C		
Power supply		AC100 V to 240 V		

Device:

- Initial zero-setting device (≤ 20 % of Max)
- Semi-automatic zero-setting device (≤ 4 % of Max)
- Zero-tracking (≤ 4 % of Max)
- Semi-automatic subtractive tare weighing (T = - Max)
- Indication of stable equilibrium device

Interface:

One or serval of the following interfaces may be incorporated:

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

Software:

The legally relevant software is designated version P-4.xxx, with x reflecting non-legally relevant changes.

Sealing:

Access to the legally relevant software and parameters is prevented by wire type seals.