



OIML Member State
Japan

OIML Certificate No.
R117/2019-A-JP1-21.01 Revision 1

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 3-9, Tsukuba Ibaraki 305-8563, Japan

Person responsible: ISHIMURA Kazuhiko, President of AIST

Applicant

Name: TATSUNO CORPORATION
Address: 3-2-6, Mita, Minato-ku, Tokyo, 108-8520, Japan

Manufacturer

Name: TATSUNO CORPORATION
Address: 3-2-6, Mita, Minato-ku, Tokyo, 108-8520, Japan
Name: TATSUNO (THAILAND) CO., LTD.
Address: 1/8 MU 3 LADSAWAI, LAMLUKKA, PATHUMTHANI, THAILAND 12150

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

Fuel Dispenser
Models: Tatsuno Luminous series

Designation of the module (if applicable)

N/A

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 R117 Edition: 2019

For accuracy class: 0.5

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. 2021-003, dated 26 October 2021, that includes 4 pages

No. 2021-007, dated 24 February 2022, that includes 4 pages

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

No. 2021-003-D, dated 26 October 2021

No. 2021-007-D, dated 24 February 2022

OIML Certificate History

Revision No.	Date	Description of the modification
Revision 0	2 Nov 2021	OIML Certificate first issued
Revision 1	1 Mar 2022	Addition of Ultra-High flow rate type
-	-	-

This revision replaces previous versions of the certificate.

Identification, signature and stamp
The Issuing Authority
NMIJ/AIST

The CIML Member

ISHIMURA Kazuhiko
President of AIST
1 March 2022



TAKATSUJI Toshiyuki

1 March 2022

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

Measuring system

Characteristics: Fuel dispenser for motor vehicles, Tatsuno Luminous series

Technical data:

Accuracy class	Maximum flowrate	Minimum flowrate	Minimum measured quantity	Maximum volume indication	Maximum unit price	Maximum price to pay
Low flowrate						
0.5	50 L/min	3 L/min	2 L	7	6	8
High flowrate						
0.5	80 L/min	3 L/min	2 L	7	6	8

Humidity Class	Mechanical Class	Electrical disturbance Class
H3	M1	E1

Liquids: Petrol (Q_{max} :50 L/min)
 Diesel (Q_{max} :80 L/min)
 Kerosene (Q_{max} :80 L/min)

Comprising of

Meter:

Manufacturer: TATSUNO CORPORATION

Pattern designation: FM-1034

Gas elimination device (integrated with pump):

Manufacturer: TATSUNO CORPORATION

Pattern designation: FP-1022

Measuring transducer:

Manufacturer: TATSUNO CORPORATION

Pattern designation: EK-1129

Calculator:

Manufacturer: TATSUNO CORPORATION

Pattern designation: EP-1796

Hose:

Manufacturer: TATSUNO CORPORATION

Pattern designation: ZH-1237, ZH-1238

Nozzle:

Manufacturer: TATSUNO CORPORATION

Pattern designation: FN-1001, FN-1002, FN-1021, FN-1024

Manufacturer: ELAFLEX

Pattern designation: ZVA Slimline 2, ZVA 25

Manufacturer: OPW

Pattern designation: TYPE11, TYPE 7

Software versions:

Approved software version is "A327A0 1.0", with "1.0" reflecting legally relevant.



Measuring system

Characteristics: Fuel dispenser for motor vehicles, Tatsuno Luminous series Ultra-High flow rate

Technical data:

Accuracy class	Maximum flowrate	Minimum flowrate	Minimum measured quantity	Maximum volume indication	Maximum unit price	Maximum price to pay
0.5	180 L/min	18 L/min	10 L	7	6	8

Humidity Class	Mechanical Class	Electrical disturbance Class
H3	M1	E1

Liquids: Diesel (Q_{\max} :180 L/min)
Kerosene (Q_{\max} :180 L/min)

Comprising of
Meter:

Manufacturer: TATSUNO CORPORATION
Pattern designation: FM-1002

Gas elimination device (integrated with pump):

Manufacturer: TATSUNO CORPORATION
Pattern designation: FP-1022

Measuring transducer:

Manufacturer: TATSUNO CORPORATION
Pattern designation: ZE-1945

Calculator:

Manufacturer: TATSUNO CORPORATION
Pattern designation: EP-1796

Hose:

Manufacturer: TATSUNO CORPORATION
Pattern designation: ZH-1230

Nozzle:

Manufacturer: TATSUNO CORPORATION
Pattern designation: FN-1004, FN-1005

Software versions:

Approved software version is "A328A0 1.0", with "1.0" reflecting legally relevant.