



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance
for Weighing and Measuring Devices

For:
Meter Indicating Mass
Stationary
Model: F1001 Series

Submitted By:
Golden Promise Equipment Inc.
244 Fifth Avenue
New York, NY 10001
Tel: 732-447-7437
Contact: Eric Li
Email: eric.lgn123@gmail.com
Email: info@gpus.com
Web site: www.gpeus.com

Standard Features and Options

- Pulse Output: 0 To 10 kHz
- Current Output: 4 To 20 mA
- Mass or Volumetric Indication
- Body Material: 304 Stainless
- Measuring Tube Material: 316 Stainless
- Measures Normal Liquids with Specific Gravities Between 0.9 And 1.1

Meter Size (in)	Minimum Flow Rate kg/m	Maximum Flow Rate kg/m	MMQ kg
1/2	3	61	3
1	6	120	6
1.5	45	500	45
2	95	1005	95
3	130	2410	131
4	260	2820	260
6	820	8200	820
8	1600	16400	1600

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.



Hal Prince
Chairman, NCWM, Inc.



Craig VanBuren
Chair, NTEP Committee
Issued: March 15, 2021

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

The National Conference on Weights and Measures (NCWM) does not approve, recommend or endorse any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.



Golden Promise Equipment Inc.
Meter Indicating Mass / F1001 Series

Application: This Coriolis meter is designed for stationary measure of normal liquids with specific gravities between 1.1 and .9.

Identification: The identification badge is attached to the outer shell near the bottom of the meter.

Sealing: The flowmeter has a protection switch block which protects the flowmeter's calibration coefficients from unauthorized access. The protection switch block is located at the front side of the display board to the right from the display. At the factory switch 1 is set in the on position. In this position, the calibration parameters of the flowmeter cannot be changed. Sealing is accomplished by threading a lead and wire through a hole in the cover that screws on and a hole in the main body of the meter transmitter.

Test Conditions: This certificate was issued to reactivate Certificate of Conformance 15-033A1 without lapse and without additional testing. Updated contact information. Previous test conditions are listed below for reference.

Certificate of Conformance Number 15-033A1: This certificate was issued to reactivate Certificate of Conformance 15-033 without lapse and without additional testing. Updated contact information. Previous test conditions are listed below for reference.

Certificate of Conformance Number 15-033: Four F1001 meters of different sizes were tested at Colorado Engineering Experiment Station Inc. A one-half inch meter was tested at flow rates between 3 kg/m and 51 kg/m. The meter passed initial testing. After a throughput of 161 669 kilograms the meter was retested using the same flow rates and passed permanence testing. A 2-inch meter was tested at flow rates from 98 kg/m and 850 kg/m. The meter passed initial testing. After a throughput of 2 010 900 kilograms the meter was retested using the same flow rates and passed permanence. The 2-inch meter also underwent testing for volumetric indication. The same flow rates used in mass indication were repeated and all results were within acceptance tolerance. A 3-inch meter was tested at flow rates from 130 kg/m to 2006 kg/m. The meter passed initial testing. After a throughput of 5 927 960 kilograms the meter was retested using the same flow rates and passed permanence. A 6-inch meter was tested at flow rates from 820 kg/m to 6770 kg/m and passed initial testing. After a throughput of 16 286 680 kilograms the meter was retested using the same flow rates and passed permanence.

Evaluated By: A. Katalinic (NC); M. Manheim (NCWM) 15-033A1, 15-033A2

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2015 Edition. *NCWM Publication 14 Measuring Devices*, 2015 Edition.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: J. Truex (NCWM) 15-033; D. Flocken (NCWM) 15-033A1, 15-033A2

Example(s) of Device:

