

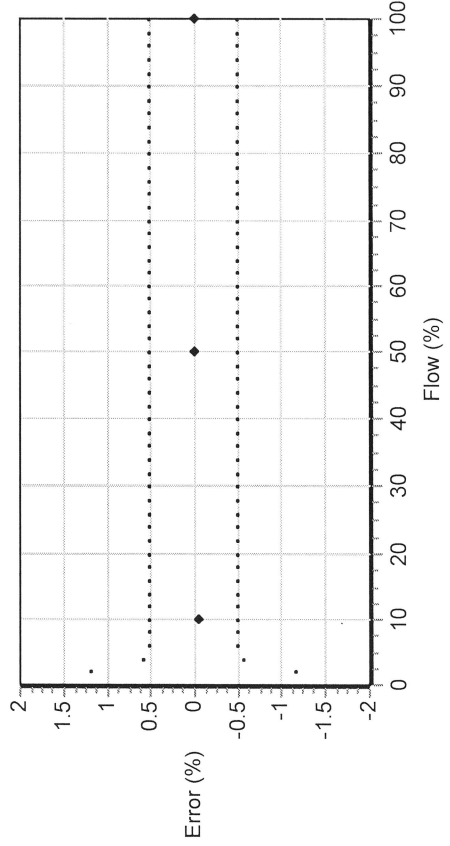
Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	15351232	5472925	2.1	1	25081521A
PUCK700	34880455				

Process

Detail



Process ID : 1.38629914
Process Time : 2025.07.07 19:21:47
Process Stand : TSM1A@SSCB:1
Stand Uncertainty : +/-0.030%
Fluid : H2O
100% Rate : 38.6 KG/MIN
Pickoff : 1
Max Rate P/T : 33.89 PSIG/24.4 C



Results

Status : PASS
D1 : 0
D2 : 1
K1 : 4061.796
K2 : 4232.73
DT : 4.25
FD : 0
DTG : 0
DFQ1 : 0
DFQ2 : 0
FlowCal : 139.184.50
FFQ : 0
FTG : 0
DensCal : 04062042334.25
FCF : 139.18
FT : 4.5

Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.47185	38.46852	0.009	0.500
10.0	3.86	4.033584	4.03546	-0.046	0.500
50.0	19.3	19.2973	19.29666	0.003	0.500
100.0	38.6	38.17489	38.17287	0.005	0.500

Lan Nguyen
Technician

Product Code		Serial ID	Order ID	Line	Item	Customer Tag	25081521A
CNG050S290NCAAEZZZ		15351232	5472925	2.1	1		
2700I13ABAEZWZ		12291076	5472925	2.32	1		
PUCK700		34880455					
Process							
		Process ID : 1.38630007					
		Process Time : 2025.07.07 19:59:41					
		Process Stand : SSCB-CONFIG2@SSCB					
Sensor		Units					
		D1 : 0					
		D2 : 1					
		DFQ1 : 0					
		DFQ2 : 0					
		DT : 4.25					
		DTG : 0					
		Dens Press Comp Factor : 0					
		Density Meter Factor : 1					
		FCF : 139.18					
		FD : 0					
		FFQ : 0					
		FT : 4.5					
		FTG : 0					
		Flow Cal Pressure PSI : 30					
		Flow Press Comp Factor : 0					
		K1 : 4061.796					
		K2 : 4232.73					
		Mass Flow Meter Factor : 1					
		Volume Flow Meter Factor : 1					
Units							
		Density Unit : G/CM3					
		GSV Flow Unit : SCFM					
		Mass Flow Unit : G/SEC					
		Pressure Unit : POUNDS/SQUARE INCH					
		Special GSV Base Time Unit : MIN					
		Special GSV Base Volume Unit : Standard cubic feet					
		Special GSV Conv Factor : 1					
		Special GSV Flow Unit Text : NONE					
		Special GSV Total Text : NONE					
		Special Mass Base Unit : G					
		Special Mass Conv Factor : 1					
		Special Mass Flow Text : NONE					
Faults							

Faults

Frequency1 Fault Behavior : Upscale
Frequency1 Fault Value : 15000
mA1 Fault Behavior : Downscale (Default)
mA1 Fault Value : 2

Other

Calibration Process ID : 1.38629914
Core Software Rev : 35
Density Cutoff : 0.2
Density Damping : 0.8
Density High Limit : 5
Density Low Limit : 0
Direction : FORWARD
Fault Dwell Time : 0
Feature Key : 1
Flow Damping : 0.8
HART Device ID : 4925442
LD Type : 0
Mass Flow Cutoff : 1.836
Pressure Comp Line Pressure : 0
Pressure Compensation State : OFF
RS485 Baud : 1200 baud
RS485 Parity : Odd
RS485 Protocol : HART
Density Slug Duration : 0
Tag :
Temperature Damping : 2.4
Transmitter Software Rev : 80
Volume Flow Cutoff : 0.11016



Tulsa Gas Technologies, Inc.
4809 S. 101st East Ave Tulsa, OK 74146
PHONE: 918-665-2641 FAX: 918-665-2657

8/28/2025

Dispenser Serial Number 25081521

Side A

Micro Motion Transmitter Configuration

Required settings for correct operation of Micro Motion mass flow meter.

Transmitter Model Number: 2700
Sensor Model Number: CNG050
Transmitter Serial Number: 12291076
Sensor Serial Number: 15351232
Flow Calibration Factor: 139.184.50
Flow Units: LB/min

Communication on RS-485

Protocol: Modbus ASCII 7 Bit
Modbus Address: 1
Baud Rate: 9600
Parity: Even
Stop Bits: 1

HART Communication

Superimposed on Primary mA (PV)

Analog Output (4-20 mA)

Analog Variable (PV): Mass Flow
Lower Range Value: 0.2500 lb/min
Upper Range Value: 300.000 lb/min
mA Cutoff: 0.0000 lb/min

Freq/Rate

Frequency variable (TV): Mass Flow
Frequency Cutoff: 0.2500 lb/min
Pulses per Unit: 1000.00000 per lb

Temperature

Temp Units: deg F

Product Code

CNG050S290NCAAEZZZ

PUCK700

Serial ID

15388031

34880273

Order ID

5472925

Line Item

2.1 2

Customer Tag

25081521B

Process ID : 1.38629860

Process Time : 2025.07.07 18:34:23

Process Stand : TSM1A@SSCB:1

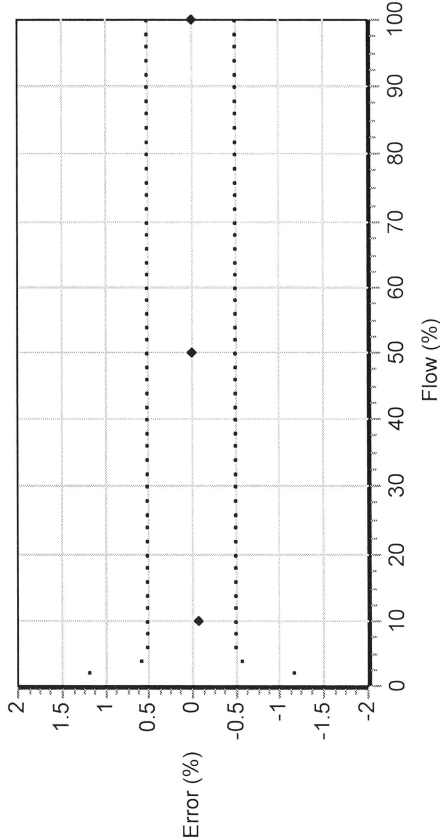
Stand Uncertainty : +/-0.030%

Fluid : H2O

100% Rate : 38.6 KG/MIN

Pickoff : 1

Max Rate P/T : 33.94 PSIG/24.2 C



Results

Status : PASS

D1 : 0

D2 : 1

K1 : 4077.696

K2 : 4249.786

DT : 4.25

FD : 0

DTG : 0

DFQ1 : 0

DFQ2 : 0

FlowCal : 138.974.50

FFQ : 0

FTG : 0

DensCal : 04078042504.25

FCF : 138.97

FT : 4.5

Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.38628	38.38737	-0.003	0.500
10.0	3.86	4.008797	4.01175	-0.074	0.500
50.0	19.3	19.43648	19.43868	-0.011	0.500
100.0	38.6	38.30921	38.31133	-0.006	0.500

Lan Nguyen

Technician

This certificate is produced by an electronic data system and is valid without signature.

Traceable to one or more of the following National Metrology Institutes: NIM-China, NIST-USA, and VSL-The Netherlands

Micro Motion calibration facilities are accredited in accordance with the recognized International Standard ISO/IEC 17025. This Certificate is not covered by the available ISO/IEC 17025 accreditation.

28.0.0.301 2025.07.07 18:39:49

1 / 1

12291075

Product Code		Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	15388031	5472925	2.1	2		25081521B
2700I13BAEZWZ	12291075	5472925	2.32	2		
PUCK700	34880273					
Process ID : 1.38629950 Process Time : 2025.07.07 19:18:57 Process Stand : SSCB-CONFIG2@SSCB						
Units						
Special Mass Time Unit : SEC						
Special Mass Total Text : NONE						
Special Volume Base Unit : L						
Special Volume Conv Factor : 1						
Special Volume Flow Text : NONE						
Special Volume Time Unit : SEC						
Special Volume Total Text : NONE						
Temperature Unit : C						
Volume Flow Unit : L/MIN						
MVD Channel Assignments						
Channel A Assignment : Milliamp (Primary) Output [#1]						
Channel B Power : Active (internally powered)						
Assignments						
Event 1 Variable : Density						
Event 2 Variable : Density						
Frequency1 Scaling Method : Frequency = Flow						
Frequency1 Variable : Mass Flow Rate						
mA1 Variable : Mass Flow Rate						
Ranges						
Event 1 Setpoint : 0						
Event 1 Type : Event Low (Event "OFF" if PV > SP)						
Event 2 Setpoint : 0						
Event 2 Type : Event Low (Event "OFF" if PV > SP)						
Frequency1 Active State : Active High						
Frequency1 Hertz : 1000						
Frequency1 Output Mode : Single						
Frequency1 Pulses/Unit : 1.554404						
Frequency1 Rate : 643.3333						
Frequency1 Units/Pulse : 0.64333333						
mA1 LRV : 0						
mA1 URV : 643.3333						
Faults						

Faults

Frequency1 Fault Behavior : Upscale
Frequency1 Fault Value : 15000
mA1 Fault Behavior : Downscale (Default)
mA1 Fault Value : 2

Other

Calibration Process ID : 1.38629860
Core Software Rev : 35
Density Cutoff : 0.2
Density Damping : 0.8
Density High Limit : 5
Density Low Limit : 0
Direction : FORWARD
Fault Dwell Time : 0
Feature Key : 1
Flow Damping : 0.8
HART Device ID : 4925443
LD Type : 0
Mass Flow Cutoff : 1.836
Pressure Comp Line Pressure : 0
Pressure Compensation State : OFF
RS485 Baud : 1200 baud
RS485 Parity : Odd
RS485 Protocol : HART
Density Slug Duration : 0
Tag :
Temperature Damping : 2.4
Transmitter Software Rev : 80
Volume Flow Cutoff : 0.11016

25081521B



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8/28/2025

Dispenser Serial Number 25081521

Side B

Micro Motion Transmitter Configuration

Required settings for correct operation of Micro Motion mass flow meter.

Transmitter Model Number: 2700
Sensor Model Number: CNG050
Transmitter Serial Number: 12291075
Sensor Serial Number: 15388031
Flow Calibration Factor: 138.974.50
Flow Units: LB/min

Communication on RS-485

Protocol: Modbus ASCII 7 Bit
Modbus Address: 1
Baud Rate: 9600
Parity: Even
Stop Bits: 1

HART Communication

Superimposed on Primary mA (PV)

Analog Output (4-20 mA)

Analog Variable (PV): Mass Flow
Lower Range Value: 0.2500 lb/min
Upper Range Value: 300.000 lb/min
mA Cutoff: 0.0000 lb/min

Freq/Rate

Frequency variable (TV): Mass Flow
Frequency Cutoff: 0.2500 lb/min
Pulses per Unit: 1000.00000 per lb

Temperature

Temp Units: deg F