

2200

(3)

Parshall flume 3 inch

FB2 sensor

Level Units: Milimeters,

Flow Units: M3H,

Totalizer Unit: M3H

Analogue: Flow (4~ 20mA)

Flw1	00	GPM
IT	00x10	GAL
Lvl1	00	In
Alm Sig	4-20	

Menu

- | |
|------------------|
| 01) Review Meter |
| 02) Program |
| 03) Status |
| 04) Data Logger |
| 05) System setup |
| 06) Calibration |

Program

가

0

1

ENTER Password to Continue 00000000000000000000000000000000

Enter

01) Level	To program for use as a level meter.
02) Flow	To program for use as a flow meter.
03) Totalizer	To select totalizer engineering units and multiplier.
04) 4-20 Out	To adjust or assign to 4-20ma output.
05) Setpoints	To assign setpoints. (e.g. Hi or Lo alarms)
06) Sensor Cal	To calibrate distance calibration from target to face of sensor.
07) Damping	To adjust damping time.
08) Lost Echo	To adjust Lost echo time and Fail to zero or span.
09) Flow Sim.	To check flow simulation of H vs Q.
10) Integrator	To set contract integrator time for relay.
11) Pump Alternation	Selection of setpoint for pump alternations.
12) Relays	Relay assignment for all relays.

02)Flow, 03)Totalizer, 04)4~20 Out가

Flow

02)Flow 0 2

LEVEL UNITS

Level Units	
01)	Inches
02)	Feet
03)	Millimeters
04)	Centimeters
05)	Meters

Milimeters 0 1

FLOW UNIT

- | | | |
|------------------------------|-----------------------------|----------------------------------|
| 01) GPM, gallons/minute | 06) CFD, cubic foot/day | 11) MS3, cubic meters/second |
| 02) GPD, gallons/day | 07) LPS, liters/second | 12) M3H, cubic meter/hour |
| 03) MGD, million gallons/day | 08) LPM, liters/minute | 13) M3D, cubic meter/day |
| 04) CFS, cubic foot/second | 09) LPD, liters/day | 14) IGM, imperial gallons/minute |
| 05) CFM, cubic foot/minute | 10) MLD, million liters/day | 15) BPH; barrels/hour |

M3H 1 2

DISPLAY FORMAT

01)#.

02)#.#

03)#.##

04)#.###

0 1 . .

Flow Primary Element

01)Flumes

02)Weirs

03)Nozzels

04)Manning

.....

Flumes

0 1 . .

Select Flume

01)2inch

02)3inch

03)6inch

.....

3

0 3 . .

Flow Primary Element

Flow Primary Element
Max Flow 193.0
V mt = 767
H mt = 304

Parshall Flume 3

V mt

H mt

V mt Span Offset Offset FB2
12 (304.8mm), FB3 24 Offset

V mt Recommend

767mm 가

Enter

Enter Application

Enter Application
Max flow and V mt
Flow = 193.0
V mt = 1205mm (*)

Enter 가 , 가 V mt = 1205mm

가 980mm

, Menu

Press ENTER to store
any changes.
Press any other key to not store any changes.

Enter

****Appendix 1**

- 01) Review Meter
- 02) Program
- 03) Status
- 04) Data Logger
- 05) System setup
- 06) Calibration

Totalizer

Program 가 , 0 2

ENTER Password to
Continue
00000000000000000000000000000000

Enter

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, Totalizer 0 3

Totalizer Unit

- 01) GAL, Gallons
- 02) MET3, Cubic Meters
- 03) LTRS, Liters
- 04) IGAL, Imperial Gallons
- 05) BARR, Barrels
- 06) CUFT, Cubic Feet
- 07) ACFT, Acre feet

MET3 0 2

Display as MET3

- | |
|-----------------|
| Display as MET3 |
| 01) X 0.001 |
| 02) X 0.01 |
| 03) X 0.1 |
| 04) X 1 |
| 05) X 10 |
| |

0 4

- | | |
|--|--|
| <ul style="list-style-type: none"> 01) Level 02) Flow 03) Totalizer 04) 4-20 Out 05) Setpoints 06) Sensor Cal 07) Damping 08) Lost Echo 09) Flow Sim. 10) Integrator 11) Pump Alternation 12) Relays | <ul style="list-style-type: none"> To program for use as a level meter. To program for use as a flow meter. To select totalizer engineering units and multiplier. To adjust or assign to 4-20ma output. To assign setpoints. (e.g. Hi or Lo alarms) To calibrate distance calibration from target to face of sensor. To adjust damping time. To adjust Lost echo time and Fail to zero or span. To check flow simulation of H vs Q. To set contract integrator time for relay. Selection of setpoint for pump alternations. Relay assignment for all relays. |
|--|--|

4~20mA

0 4

4 ~ 20mA Loop Output

- 01) Adjustment
- 02) Assigment

Adjustment

, Assigment

가 0 2

4 ~ 20mA Loop Output

- 01) Level1
- 02) Flow

Menu

Enter

ENTER Password to
Continue
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가 , Menu

Appendix 1 :

가 Flow

V mt

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1) Menu

2) Up / Down

Calibration

Calibration

3) password

. Enter

4) Sensor Cal.

5)

Sensor # 1

Dist 1 905

Press 1 to Increase

Press 3 to Decrease

()

가

920

1

920