

LAMINA mass 701 Series Mass Flow Controller Readout Unit

Modular Field expandable MFC system from 1 to 5 channels

Process Values

The LAMINA mass 701 system is a micro-processor based, modular, field expandable, flexible, flow/ratio blending system. The LAMIANA mass 701 can monitor and control up to five flow devices simultaneously. Control of the LAMINA mass 701 is accomplished using the front panel modules, rear panel an optional RS-232 serial interface.



Features

- Complete electronics package to operate up to Five flow loops
- 3-3/4 turn lockable setpoint switch on each channel sets desired flow rate
- RS option adds analog setpoint and readout interface
- Capability for computer applications

Product Features

Expandability

Product Benefits

The LAMINA mass 701 system is a modular design to allow Expandability as required. An initial configuration of 1 channels Can expand with additional modules as required. No electrical recalibration or adjustments to the system when mounted in any position.

Flow Ratio

All channels in the LAMINA mass 701 system may be set independently of each other, regardless of range or flow setpoint or Any available channel in the system.

Optional RS-232 Interface

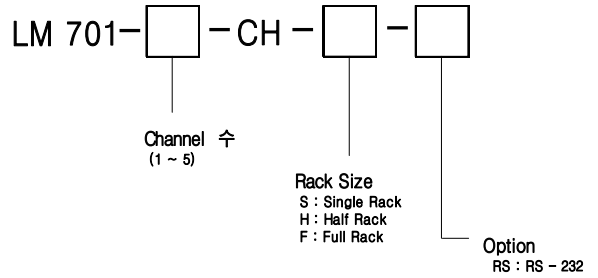
The LAMINA mass 701 unit may easily be field upgraded to provide total control of the unit via an RS-232 serial port which supports all common serial configurations with speeds from 9600 to 300 baud. The serial port may also drive a logging device, such as a printer, To provide a continuous report of channel flows a programmable Reporting interval.

LAMINA mass 701 Series - Ordering Information

Specifications

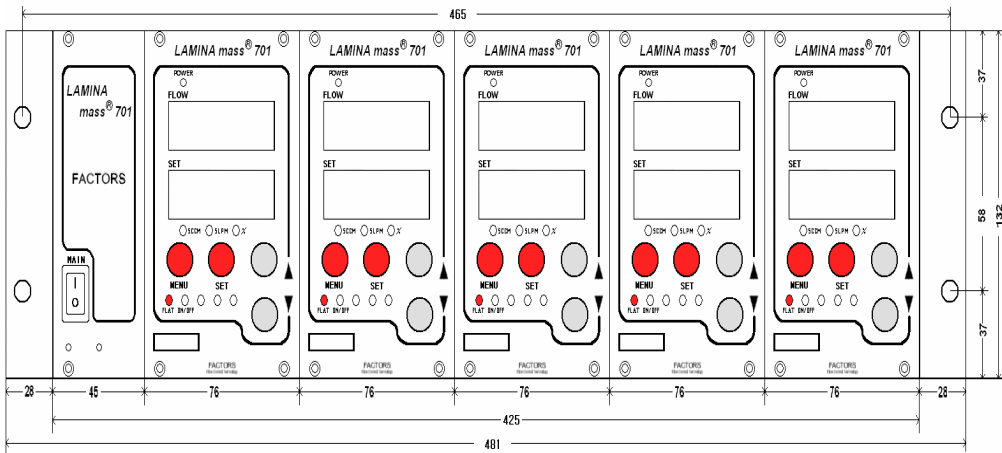
Input Voltage	110 ~ 230 VAC (Free Voltage)
Input Frequency	50/60 Hz
Fuse Size	4 Amp/
Repeatability	± 0.1% full scale
Full Scale	0 ~ 9999
Initial Warm Up Time	30 minutes
MFC Supply Limits	1.4A max from each ±15VDC Supply
Flow Controller Compatibility	0-5 VDC setpoint and output, 125 milliamps current on ±15VDC
Ambient Temperature	0 ~50° C

LAMINA mass 701 Series Ordering Information

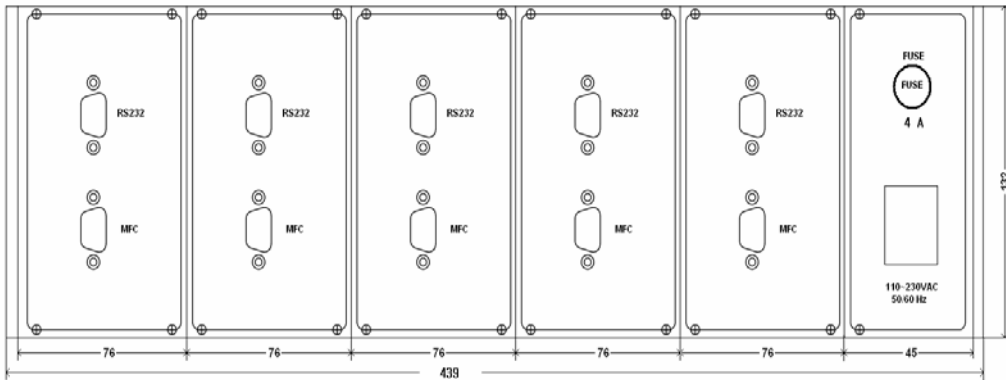


LAMINA mass 701 Series -5CH Dimensions

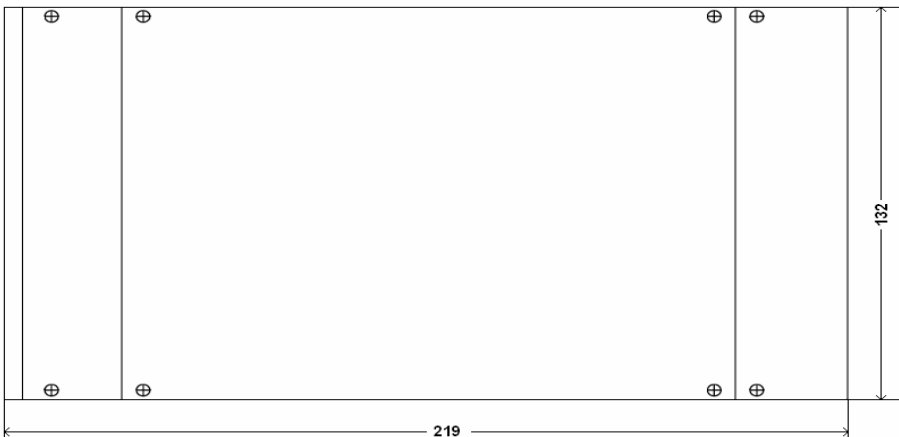
FRONT VIEW



REAR VIEW



SIDE VIEW



MFC Pin Assignment

Name	Pin No	기능설명
	1	N/C
FLOW	2	Output 0-5 VDC
+ 15 VDC	3	MFC +15VDC 전원출력
GND	4	Signal Ground
-15VDC	5	MFC -15VDC 전원출력
SET	6	Setpoint 0-5 VDC
GND	7	Power Ground
GND	8	Ground
	9	N/C

RS-232 Pin Assignment

Name	Pin No	기능설명
	1	N / C
RST	2	RS232 TX
RSR	3	RS232 RX
	4	N / C
GND	5	Ground
	6	N / C
	7	N / C
	8	N / C
	9	N / C