

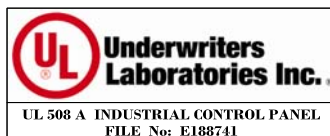
## pH and FLOW MONITORING PANELS (MON)



Shown: pH and Flow Monitoring Panel with NEMA 4 enclosure with 2 channel digital data logger, and pH alarm. (MON-4-DL2-1-N4-PA1)



Shown: pH Monitoring Panel with NEMA 4 enclosure with digital data logger, and pH alarm buzzer. (MON-1-DL1-1-N4-AA)



Wastech's standard monitoring panel is designed for simple and convenient monitoring and recording of pH and/or Flow Rate. The panel is primarily used to monitor and record discharge flow and continuous pH values in order to prevent NOV's and fines. It is generally installed prior to the sewer connection and provides permanent records per City requirements and general corporate compliance. It is simple in design and operator friendly. It does not require maintenance except for simple pH sensor (OPTIONAL) calibration. With standard design configurations, the panel can be supplied with one or two pH readings, one pH and one Flow, or just Flow Rate. It can also be ordered with pH electrodes and flow sensors pre-wired for simple installation.

- Continuous pH monitoring.
- pH alarming & recording requirements
- Continuous flow monitoring.
- Flow alarming & recording requirements
- Single phase 115 VAC
- Custom configurations including multiple parameter data logging available, call or e-mail sales for more details.

### Standard Features

- UL Listed control panel
- +GF+ Signet pH transmitter
- Continuous pH monitoring
- +GF+ Signet flow transmitter
- Continuous flow monitoring
- NEMA 4 enclosure

### Optional Features

- 1, 2, 4 or 6 channel digital data logger with compact flash card for data transfer (Ethernet communication and battery back up optional)
- 1, 2, 3 or 6 channel inkjet strip chart recorder
- NEMA 4X fiberglass or stainless steel enclosures
- High and low pH alarm lights
- High and low flow alarm lights
- Audible alarm (buzzer) with silence button
- Common alarm beacon with dry contact
- Analog output to retransmit 4-20 mA signal to the facility

**ORDERING INFORMATION**

MON	
<b>Number of Sensors<sup>1</sup> (Choose One)</b>	
-1	One pH Probe
-2	Two pH Probes
-3	One Flow Meter
-4	One Flow Meter and One pH Probe
<b>Recording Options (Choose One or Both or None)</b>	
-DL1	Digital Data Logger, Single Channel
-DL2	Digital Data Logger, Two Channels for sensors (pH or Flow)
-PR1	Inkjet Paper Chart Recorder, Single Channel
-PR2	Inkjet Paper Chart Recorder, Two Channels for sensors (pH or Flow)
<b>Power Requirements</b>	
-1	115 VAC/1/60 Hz
<b>Enclosure Rating (Choose One)</b>	
-N4	NEMA4 - Powder Coated Carbon Steel
-N4XF	NEMA4X - Fiberglass
-N4XS	NEMA4X - 304 Stainless Steel
<b>Options (Choose Any)</b>	
-PA	pH low and high alarms lights
-FA	Flow low and high alarm lights
-PFA	pH and flow low and high alarm lights
-AA	Audible alarm (buzzer) with silence button
-CA	Common alarm beacon and dry contact
-OA	Analog output, retransmit 4-20mA signal(s) to facility
<b>Example Part Number</b>	
MON	-2 -DL2-PR2 -1 -N4XF -PA-AA-CA
Note 1: Sensors to be ordered separately	

**SPECIFICATIONS**

	PART NUMBER	AMPS	ENCLOSURE SIZE (INCHES)		
			N4	N4XF	N4XS
1 Sensor	MON-1-DL1-1	5	16x14x10	16x14x10	16x14x10
	MON-1-DL1-1-PA-AA-CA	5	18x16x10	18x16x10	18x16x10
	MON-1-DL1-PR1-1-PA-AA-CA	5	18x16x10	18x16x10	18x16x10
2 Sensors	MON-2-DL2-1	5	16x14x10	16x14x10	16x14x10
	MON-2-DL2-1-PA-AA-CA	5	18x16x10	18x16x10	18x16x10
	MON-2-DL2-PR2-1-PA-AA-CA	5	18x16x10	18x16x10	18x16x10