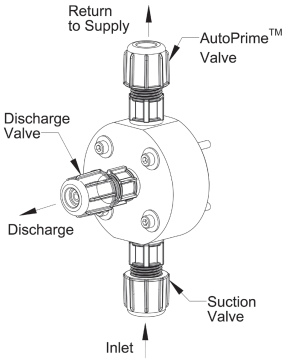
EXCEL™ AD METERING PUMPS

For support:

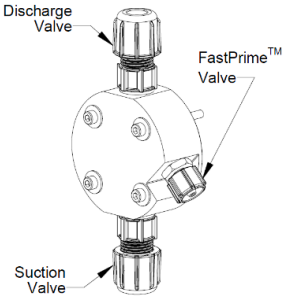
Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Excel™ AD with FastPrime™				
1	0.21	0.8	250	17.2
4	0.42	1.9	250	17.2
5	0.58	3.8	110	7.6
6	2.0	7.6	50	3.4
Excel™ AD with AutoPrime™				
1	0.15	0.6	250	17.2
4	0.33	1.2	250	17.2
5	0.80	3.0	110	7.6
6	1.80	6.8	50	3.4

Control Codes

Key Features	AD2	AD8	AD9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
Low level indication	✓	✓	✓
Display of calculated flow rate	✓	✓	✓
Pulse or 4/20 mA signal input controls frequency		✓	✓
Pulse multiply/divide functions		✓	✓
24 V output for remote device		✓	✓
Dual low-level float switch input		✓	✓
Remote on/off signal input			✓
Outputs include: 4-20mA, pulse, Alarm			✓
Remote internal/external mode input			✓
Remote alarm transfer			✓



AutoPrime™
Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



FastPrime™
Has an integral manual priming valve to facilitate quick pump start-up.

4 Function Valve
- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

What's in the Box

Excel AD units include:

Tube Connection Hardware

Quick Start Guide

5-pin Control Cable

Suction/Discharge Tubing

Injection Check Valve

Foot Valve

Ceramic Weight

Stainless Steel LE units

AD9 units include:

6-pin Control Cable

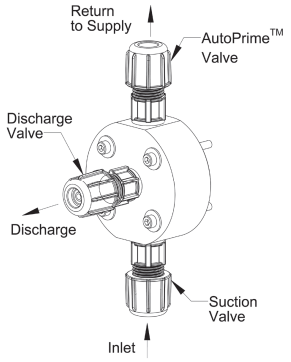
ROYTRONIC® A METERING PUMPS

For support:

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Roytronic® A with FastPrime™				
1	0.25	1.0	250	17.2
4	0.5	1.9	250	17.2
5	1.0	3.8	110	7.6
6	2.0	7.6	50	3.4
Roytronic® A with AutoPrime™				
1	0.13	0.5	250	17.2
4	0.25	0.9	250	17.2
5	0.65	2.5	110	7.6
6	1.7	6.4	50	3.4

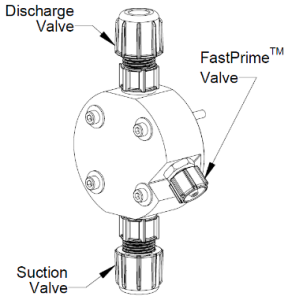
Control Codes

Key Features	A1	A7	A8
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
Pulse signal input controls frequency		✓	✓
Low level float switch input		✓	✓
4-20 mA signal input controls frequency			✓



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



FastPrime™

Has an integral manual priming valve to facilitate quick pump start-up.

4 Function Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

What's in the Box

Roytronic A units include:

Tube Connection Hardware

Quick Start Guide

Suction/Discharge Tubing

Injection Check Valve

Foot Valve

Ceramic Weight

Stainless Steel LE units

A8 units include:

4-pin Control Cable

SERIES P METERING PUMPS

For support:

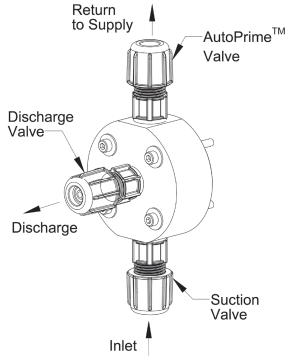
Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series P with Liquipro™				
2	0.21	0.79	150	10.3
3	0.42	1.6	110	7.6
4	0.58	2.2	250	17.3
5	1.0	3.8	110	7.6
6	2.0	7.6	50	3.4
Series P with AutoPrime™				
2	0.13	0.5	150	10.3
3	0.33	1.3	110	7.6
4	0.42	1.6	250	17.3
5	0.85	3.2	110	7.6
6	1.85	7.0	50	3.4

Control Codes

Key Features	P0	P1	P7
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable		✓	✓
Pulse signal input controls frequency			✓
Low level float switch input			✓

4 Function Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.

What's in the Box

Series P units include:

Tube Connection Hardware

Quick Start Guide

Stainless Steel LE units

Suction/Discharge Tubing

Injection Check Valve

Foot Valve

Ceramic Weight

Certain P7 units include:

4-pin Control Cable

SERIES B METERING PUMPS

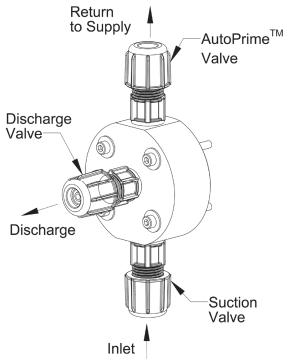
For support:

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series B with Liquipro™				
1	1.6	6.1	150	10.3
2	2.5	9.5	100	6.9
3	4.5	17.0	50	3.4
4	7.0	26.5	30	2.07
Series B with AutoPrime™				
1	1.4	5.3	150	10.3
2	2.3	8.7	100	6.9
3	4.0	15.1	50	3.4
4	6.8	25.7	30	2.07

Control Codes

Key Features	B1	B7	B9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
External control via pulse input		✓	✓
Manual/External mode selection		✓	✓
LCD and 4-key tactile keypad			✓
External control via 4-20mA			✓
Divide/Multiply incoming pulses			✓
Flow monitoring with alarm*			✓

*Available with LMI Digi-Pulse™ Flow Monitor



AutoPrime™
Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.

4 Function Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

What's in the Box

Series B units include:

Tube Connection Hardware

Quick Start Guide

Suction/Discharge Tubing

Injection Check Valve

Foot Valve

Ceramic Weight

B9 units include:

Certain B7 units include:

4-pin Control Cable

8-pin Control Cable

Stainless Steel LE units

SERIES C METERING PUMPS

For support:

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series C with Liquipro™				
0	1.3	4.9	300	20.7
1	2.5	9.5	150	10.3
2	4.0	15.1	100	6.9
3	8.0	30.3	60	4.1
4	20.0	75.7	25	1.7
6	4.0	15.1	175	12.1
7	10.0	38.0	80	5.5
8	25.0	95.0	30	2.07
Series C with AutoPrime™				
1	2.3	8.7	150	10.3
2	3.8	14.4	100	6.9
3	7.8	29.5	60	4.1

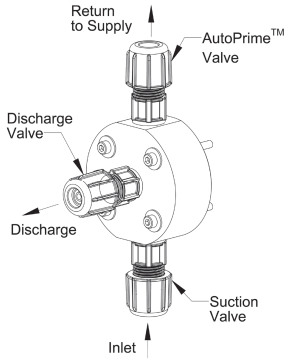
Control Codes

Key Features	C1	C7	C9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
External control via pulse input		✓	✓
Manual/External mode selection		✓	✓
LCD and 4-key tactile keypad			✓
External control via 4-20mA			✓
Divide/Multiply incoming pulses			✓
Flow monitoring with alarm*			✓

*Available with LMI Digi-Pulse™ Flow Monitor

4 Function Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.

What's in the Box

Series C units include:

Tube Connection Hardware

Quick Start Guide

Suction/Discharge Tubing

Injection Check Valve

Foot Valve

Ceramic Weight

Stainless Steel LE units

C9 units include:

Certain C7 units include:

4-pin Control Cable

8-pin Control Cable

SERIES E METERING PUMPS

Explosion Proof Pumps

For support:

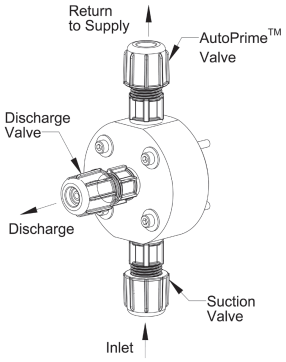
Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series E with Liquipro™				
0	1.3	4.9	300	20.7
1	2.5	9.5	150	10.3
2	4.0	15.1	100	6.9
3	8.0	30.3	60	4.1
4	20.0	76.0	25	1.7
Series E with AutoPrime™				
1	2.3	8.7	150	10.3
2	3.8	14.4	100	6.9
3	7.8	29.5	60	4.1

Control Code

Key Features	E7
Stroke length manually adjustable	✓
Stroke frequency manually adjustable	✓
External control via pulse input	✓
Manual/External mode selection	✓

4 Function Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.

What's in the Box

Series E units include:

Tube Connection Hardware

Quick Start Guide

Suction/Discharge Tubing

Injection Check Valve

Foot Valve

Ceramic Weight

Stainless Steel LE units