

Section 2

Solenoid Metering Pumps

EMEC AMS Series

Metering Pumps

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Standard Features:

- Microprocessor Technology
- Analogue Controls
- Stroke Length Adjustment 0-100%
- Stroke Rate Adjustment 0-100%
- Housing in Polypropylene
- Liquid End and Accessories in PVDF, PP or SS
- Level of Protection IP65
- 5 Year Warranty*



The AMS analogue series metering pumps are similar in function to the K series, but for larger applications. The AMS analogue series features microprocessor control for accuracy, manual stroke rate and stroke length adjustment and a range of process input signals depending on the model.

All pumps are supplied with suction tubing, discharge tubing, foot valve, injection valve. A low level float switch and control cables are also included where relevant.

Sizes:

Model	Pressure Bar	Flow l/h	Cc/Stroke	Valve Size BSP inch	Suction Tube ID x OD	Discharge Tube ID x OD
2505	25	5	0.7	3/8	4 x 6	4 x 6
1510	15	10	1.4	3/8	4 x 6	4 x 6
1015	10	15	2.1	3/8	6 x 8	6 x 8
0720	7	20	2.8	1/2	6 x 8	6 x 8
0340	3	40	5.6	3/4	8 x 12	8 x 10
0260	2	60	7.7	3/4	8 x 12	8 x 10

Models:

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
AMS CO PLUS	✓	✓		
AMS CL PLUS	✓	✓	✓	
AMS PLUS	✓	✓	✓	Pulse / 4-20mA

Options:

Liquid ends, valves & O-rings in alternative materials, alternative voltages, liquid ends for viscous media, selection of colours.

* Please refer to 'Aqua Products Limited' terms and conditions of sale for complete warranty conditions.

Section 2

Solenoid Metering Pumps

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EMEC AMSA Series

Self Venting Metering Pumps

Standard Features:

- Microprocessor Technology
- Analogue Controls
- Stroke Length Adjustment 0-100%
- Stroke Rate Adjustment 0-100%
- Housing in Polypropylene
- Liquid End and Accessories in PVDF, PP or SS
- Level of Protection IP65
- 5 Year Warranty*



The AMSA analogue series metering pumps are similar in function to the K series, but for larger applications. The AMSA is the same as the AMS, but features a self venting function, to ensure reliable operation with liquids that emit gasses.

All pumps are supplied with suction tubing, discharge tubing, foot valve and injection valve. A low level float switch and control cables are also included where relevant.

Sizes:

Model	Pressure Bar	Flow l/h	Cc/Stroke	Valve Size BSP inch	Suction Tube ID x OD	Discharge Tube ID x OD
2503.2	25	3.2	0.44	3/8	4 x 6	4 x 6
1506	15	6	0.83	3/8	4 x 6	4 x 6
1010	10	10	1.40	3/8	6 x 8	6 x 8
0713	7	13	1.81	1/2	6 x 8	6 x 8
0330	3	30	4.17	3/4	8 x 12	8 x 10
0238.5	2	38.5	5.35	3/4	8 x 12	8 x 10

Models:

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
AMSA CO PLUS	✓	✓		
AMSA CL PLUS	✓	✓	✓	
AMSA PLUS	✓	✓	✓	Pulse / 4-20mA

Options:

Liquid ends, valves & O-rings in alternative materials, liquid ends for viscous media, alternative voltages, selection of colours.

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Section 2

Solenoid Metering Pumps

EMEC AMS Digital Series

Metering Pumps

Standard Features:

- Microprocessor Technology
- Digital Display
- Digital Controls
- Stroke Length Adjustment 0-100%
- Stroke Rate Adjustment 0-100%
- Housing in Polypropylene
- Liquid End and Accessories in PVDF, PP or SS
- Level of Protection IP65
- 5 Year Warranty*



The AMS digital series metering pumps feature smart microprocessor controls, providing outstanding accuracy with quartz timing, and EEPROM storage of data and settings during power outages. An LCD display is utilised for display of measured values, stroking rates, and assists with pump setup and calibration functions. A variety of input signals can be accepted depending on the model, see below.

All pumps are supplied with suction and discharge tubing, foot valve, injection valve. A low level float switch and control cables are also included where relevant.

Sizes:

Model	Pressure Bar	Flow l/h	Cc/Stroke	Valve Size BSP inch	Suction Tube ID x OD	Discharge Tube ID x OD
2505	25	5	0.7	3/8	4 x 6	4 x 6
1510	15	10	1.4	3/8	4 x 6	4 x 6
1015	10	15	2.1	3/8	6 x 8	6 x 8
0720	7	20	2.8	1/2	6 x 8	6 x 8
0340	3	40	5.6	3/4	8 x 12	8 x 10
0260	2	60	7.7	3/4	8 x 12	8 x 10

Models:

NOTE: Probes sold separately **

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
AMS MF	✓	✓		Pulse / 4-20mA
AMS RH	✓	✓	✓	ORP Probe **
AMS PH	✓	✓	✓	PH Probe **

Options:

Liquid ends, valves & O-rings in alternative materials, liquid ends for high viscosity, alternative voltages. Selection of colours.

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Section 2

Solenoid Metering Pumps

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EMEC AMSA Digital Series

Self Venting Metering Pumps

Standard Features:

- Microprocessor Technology
- Digital Display
- Digital Controls
- Stroke Length Adjustment 0-100%
- Stroke Rate Adjustment 0-100%
- Housing in Polypropylene
- Liquid End and Accessories in PVDF, PP or SS
- Level of Protection IP65
- 5 Year Warranty*



The AMSA digital series metering pumps feature smart microprocessor controls, providing outstanding accuracy with quartz timing. An LCD display is utilised for display of measured values, stroking rates, and assists with pump setup and calibration functions. A variety of input signals can be accepted depending on the model, see below. The AMSA series metering pumps have a self venting liquid end fitted. For medias that emit gasses, the self priming function ensures reliable metering.

All pumps are supplied with suction and discharge tubing, foot valve, injection valve, and low level float switch in PVDF. Control cables are also included where relevant.

Sizes:

Model	Pressure Bar	Flow l/h	Cc/Stroke	Valve Size BSP inch	Suction Tube ID x OD	Discharge Tube ID x OD
2503.2	25	3.2	0.44	3/8	4 x 6	4 x 6
1506	15	6	0.83	3/8	4 x 6	4 x 6
1010	10	10	1.4	3/8	6 x 8	6 x 8
0713	7	13	1.81	1/2	6 x 8	6 x 8
0330	3	30	4.17	3/4	8 x 12	8 x 10
0238.5	2	38.5	5.35	3/4	8 x 12	8 x 10

Models:

NOTE: Probes sold separately **

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
AMSA MF	✓	✓		Pulse / 4-20mA
AMSA RH	✓	✓	✓	ORP Probe **
AMSA PH	✓	✓	✓	PH Probe **

Options:

Liquid ends, valves & O-rings in alternative materials, liquid ends for viscous media, alternative voltages, selection of colours.

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Section 2

Solenoid Metering Pumps

EMEC AMS LPV Series

Metering Pumps for Viscous Media - up to 8000cPs

Standard Features:

- Microprocessor Technology
- Digital Controls
- Stroke Length Adjustment 0-100%
- Stroke Rate Adjustment 0-100%
- Housing in Polypropylene
- Liquid End in PMMA
- Level of Protection IP65
- 5 Year Warranty*



The AMS-LPV series metering pumps provide a high quality option with digital controls. These pumps provide advanced features and control options. AMS-LPV series pumps feature dosing heads that are modified to handle viscous media up to 8000cPs. A range of input signals can be used depending on the model (see below).

All pumps are supplied with suction and discharge tubing and injection valve. Control cables are also included where relevant.

Note: Flow may change according to viscosity. Indicated flow rates measured with water.

Sizes:

Model	Pressure Bar	Flow l/h	Cc/Stroke	Valve Size BSP inch	Suction Tube ID x OD	Discharge Tube ID x OD
2505	25	5	0.7	3/4	16 x 22	8 x 12
1510	15	10	1.4	3/4	16 x 22	8 x 12
1015	10	15	2.1	3/4	16 x 22	8 x 12
0720	7	20	2.8	3/4	16 x 22	8 x 12
0340	3	40	5.6	3/4	16 x 22	8 x 12
0260	2	60	7.7	3/4	16 x 22	8 x 12

Models:

NOTE: Probes sold separately **

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
AMS CO PLUS LPV	✓	✓		
AMS CL PLUS LPV	✓	✓	✓	
AMS PLUS LPV	✓	✓	✓	Pulse / 4-20mA
AMS MF LPV	✓	✓	✓	Pulse / 4-20mA
AMS RH LPV	✓	✓	✓	ORP Probe **
AMS PH LPV	✓	✓	✓	PH Probe **

Options:

Liquid ends, valves & O-rings in alternative materials, alternative voltages, selection of colours.

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Section 2

Solenoid Metering Pumps

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EMEC AMS P Series

Metering Pumps for Viscous Media - up to 50,000cPs

Standard Features:

- Microprocessor Technology
- Analogue Controls
- Stroke Length Adjustment 0-100%
- Stroke Rate Adjustment 0-100%
- Housing in Polypropylene
- Liquid End in PMMA
- Level of Protection IP65
- 5 Year Warranty*



The AMS-P series metering pumps are specifically designed for handling very high viscosity liquids.

A variety of input signals can be accepted depending on the model, see below.

Sizes:

Model	Pressure Bar	Flow l/h	Cc/Stroke	Suction Tube ID x OD	Discharge Tube ID x OD
0802	8	2	0.28	20 x 27	16 x 22
0604	6	4	0.56	20 x 27	16 x 22
0410	4	10	1.4	20 x 27	16 x 22
0225	2	25	3.5	20 x 27	16 x 22
0140	1	40	5.6	20 x 27	16 x 22

Models:

NOTE: Probes sold separately **

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
AMSP CO PLUS	✓	✓		
AMSP PLUS	✓	✓	✓	Pulse / 4-20mA
AMSP MF	✓	✓	✓	Pulse / 4-20mA
AMSP RH	✓	✓	✓	ORP Probe **
AMSP PH	✓	✓	✓	PH Probe **

Options:

Valves & O-rings in alternative materials, alternative voltages, selection of colours.

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