

Section 2

Solenoid Metering Pumps

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EMEC K Series

Metering Pumps

Standard Features:

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



The K series metering pumps provide a high quality option for metering chemicals into industrial processes at competitive prices.

K series pumps feature micro-processor control and double ball valves for accuracy, and the integral bleed assists with priming. A range of input signals can be used depending on the model, see below.

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	Tube Size ID x OD
2001	20	1	0.10	3/8	4 x 6
1802	18	2	0.19	3/8	4 x 6
1504	15	4	0.37	3/8	4 x 6
1005	10	5	0.46	3/8	4 x 6
0808	8	8	0.74	3/8	4 x 6
0510	5	10	0.93	3/8	4 x 6
0501	5	1	0.09	3/8	4 x 6
0218	2	18	1.67	3/8	6 x 8

Models:

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
KCO PLUS	✓	✓		
KCL PLUS	✓	✓	✓	
K PLUS	✓	✓	✓	Pulse / 4-20mA

Options:

Liquid end, 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

EMEC KA 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 KA series metering pumps have a self venting liquid end fitted. Recommended for medias that emit gasses, the self priming function ensures reliable metering.

KA series pumps feature micro-processor control and double ball valves for accuracy. A range of input signals can be used depending on the model, see below.

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

Sizes:

Model	Pressure Bar	Flow l/h	Cc/Stroke	Valve Size BSP inch	Tube Size ID x OD
1801	18	1	0.10	3/8	4 x 6
1503	15	3	0.28	3/8	4 x 6
1003.5	10	3.5	0.32	3/8	4 x 6
1000.5	10	0.5	0.05	3/8	4 x 6
0805.5	8	5.5	0.51	3/8	4 x 6
0507.5	5	7.5	0.69	3/8	4 x 6
0213	2	13	1.20	3.8	6 x 8

Models:

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
KACO PLUS	✓	✓		
KACL PLUS	✓	✓	✓	
KA PLUS	✓	✓	✓	Pulse / 4-20mA

Options:

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

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Section 2

Solenoid Metering Pumps

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EMEC KMS Digital Series

Metering Pumps

Standard Features:

- Microprocessor Technology
- Digital Display
- Digital Controls
- Stroke Length Adjustment 0-100%
- Stroke Rate Adjustment 1sph-180spm
- Housing in Polypropylene
- Liquid End and Accessories in PVDF, PP or SS
- Level of Protection IP65
- 5 Year Warranty*
- Built-in Weekly Timer on MF Version



The KMS series metering pumps provide a high quality option with digital controls. These pumps provide advanced features and control options.

KMS series pumps feature micro-processor control and double ball valves for accuracy, and the integral bleed assists with priming. A range of input signals can be used depending on the model, see below.

All pumps are supplied with suction and discharge tubing, foot valve and 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	Tube Size ID x OD
2001	20	1	0.10	3/8	4 x 6
1802	18	2	0.19	3/8	4 x 6
1504	15	4	0.37	3/8	4 x 6
1005	10	5	0.46	3/8	4 x 6
0808	8	8	0.74	3/8	4 x 6
0510	5	10	0.93	3/8	4 x 6
0501	5	1	0.09	3/8	4 x 6
0218	2	18	1.67	3/8	6 x 8

Models:

NOTE: Probes sold separately **

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

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Section 2

Solenoid Metering Pumps

EMEC KMSA Digital Series

Self Venting Metering Pumps

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Standard Features:

- Microprocessor Technology
- Digital Display
- Digital Controls
- Stroke Length Adjustment 0-100%
- Stroke Rate Adjustment 1sph-180spm
- Housing in Polypropylene
- Liquid End and Accessories in PVDF, PP or SS
- Level of Protection IP65
- 5 Year Warranty*
- Built-in Weekly Timer on MF Version



The KMSA series metering pumps provide a high quality metering pump with digital controls and a self venting head. These pumps provide advanced features and control options.

KMSA series pumps feature micro-processor control and double ball valves for accuracy, and have a self venting liquid end fitted. For medias that emit gasses, the self venting function ensures reliable metering. A range of input signals can be used depending on the model, see below.

All pumps are supplied with suction and discharge tubing, foot valve and 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	Tube Size ID x OD
1801	18	1	0.10	3/8	4 x 6
1503	15	3	0.28	3/8	4 x 6
1003.5	10	3.5	0.32	3/8	4 x 6
1000.5	10	0.5	0.05	3/8	4 x 6
0805.5	8	5.5	0.51	3/8	4 x 6
0507.5	5	7.5	0.69	3/8	4 x 6
0213	2	13	1.20	3/8	6 x 8

Models:

NOTE: Probes sold separately **

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

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Section 2

Solenoid Metering Pumps

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EMEC KMS 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*
- Built-in Weekly Timer on MF Version



The KMS-LPV series metering pumps are a robust high quality pump with advanced features and control options. The KMS-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 tubing, discharge tubing and an injection valve. Control and alarm 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
1802	18	2	0.19	3/8	16 x 22	8 x 12
1504	15	4	0.37	3/8	16 x 22	8 x 12
1005	10	5	0.46	3/8	16 x 22	8 x 12
0808	8	8	0.74	3/8	16 x 22	8 x 12
0510	5	10	0.93	3/8	16 x 22	8 x 12
0218	2	18	1.67	3/8	16 x 22	8 x 12

Models:

NOTE: Probes sold separately **

Model	Stroke Length Adjustment	Stroke Speed Adjustment	Float Switch	Input
KCO PLUS LPV	✓	✓		
KCL PLUS LPV	✓	✓	✓	
K PLUS LPV	✓	✓	✓	Pulse / 4-20mA
KMS DC LPV	✓	✓	✓	
KMS MF LPV	✓	✓	✓	Pulse / 4-20mA
KMS CL LPV	✓	✓	✓	Chlorine Probe **
KMS RH LPV	✓	✓	✓	ORP Probe **
KMS PH LPV	✓	✓	✓	PH Probe **

Options:

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

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