

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 AND ACCESSORIES IN PVDF
- LEVEL OF PROTECTION IP65
- 2 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 pacing cables are also included where relevant.

PUMP SIZES:

Model	Pressure (max) Bar	Flow l/h	Cc/Stroke	Valve Size BSP	Tube Size IDxOD
2001	20	1	0.10	3/8q	4x6
1802	18	2	0.19	3/8+	4x6
1504	15	4	0.37	3/8+	4x6
1005	10	5	0.46	3/8+	4x6
0808	8	8	0.74	3/8+	4x6
0510	5	10	0.93	3/8+	4x6
0501	5	1	0.09	3/8+	4x6
0218	2	18	1.67	1/2+	6x8

PUMP MODELS:

KCO PLUS	Manual setup (Constant pump with stroke speed and stroke length adjustment), ÷10 function.
KCL PLUS	Manual setup, with level probe input, ÷10 function.
KPLUS	Manual setup plus input signals 4-20mA, 0-20mA or pulse with built in multiplier or divider function.

PUMP OPTIONS:

Liquid end, valves and O-rings in alternative materials, alternative voltages, liquid ends for viscous media, selection of colours, compressed air driven option.

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

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
- LEVEL OF PROTECTION IP65
- 2 YEAR WARRANTY*



The KA series metering pumps have a self venting liquid end fitted. 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 pacing cables are also included where relevant.

PUMP SIZES:

Model	Pressure (max) Bar	Flow l/h	Cc/Stroke	Valve Size BSP	Tube Size IDxOD
1801	18	1	0.10	3/8+	4x6
1503	15	3	0.28	3/8+	4x6
1003.5	10	3.5	0.32	3/8+	4x6
1000.5	10	0.5	0.05	3/8q	4x6
0805.5	8	5.5	0.51	3/8+	4x6
0507.5	5	7.5	0.69	3/8+	4x6
0213	2	13	1.20	1/2+	6x8

PUMP MODELS:

KACO PLUS	Manual setup (Constant output pump with stroke speed and stroke length adjustment).
KACL PLUS	Manual setup, with level probe input.
KAPLUS	Manual setup plus input signals 4-20mA, 0-20mA or pulse with built in multiplier or divider function.

PUMP OPTIONS:

Liquid ends, valves and O-rings in alternative materials, alternative voltages, liquid ends for viscous media, selection of colours, compressed air driven option.

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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
- LEVEL OF PROTECTION IP65
- 2 YEAR WARRANTY*



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. Pacing cables are also included where relevant.

PUMP SIZES:

Model	Pressure (max) Bar	Flow l/h	Cc/Stroke	Valve Size BSP	Tube Size IDxOD
2001	20	1	0.10	3/8q	4x6
1802	18	2	0.19	3/8+	4x6
1504	15	4	0.37	3/8+	4x6
1005	10	5	0.46	3/8+	4x6
0808	8	8	0.74	3/8+	4x6
0510	5	10	0.93	3/8+	4x6
0501	5	1	0.09	3/8+	4x6
0218	2	18	1.67	1/2+	6x8

PUMP MODELS:

KMS DC	Constant output pump, stroke length and stroke rate adjustment, standby input, alarm output, level control.
KMS MF	Multifunction pump. Modes: constant, pulse divide, multiply, PPM, batch, Volt, mA, %, ml/q, standby input, flow sensor input, alarm output, level control.
KMS CL	Digital pump with built in Chlorine controller, direct probe connection, proportional action.
KMS EN	Digital pump with built in Timer, LCD display, level probe.
KMS PH	Digital pump with built in pH controller, direct probe connection, proportional action.
KMS RH	Digital pump with built in ORP controller, direct probe connection, proportional action.

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EMEC KMSA DIGITAL SELF VENTING 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
- LEVEL OF PROTECTION IP65
- 2 YEAR WARRANTY*



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. Pacing cables are also included where relevant.

PUMP SIZES:

Model	Pressure (max) Bar	Flow l/h	Cc/Stroke	Valve Size BSP	Tube Size IDxOD
1801	18	1	0.10	3/8+	4x6
1503	15	3	0.28	3/8+	4x6
1003.5	10	3.5	0.32	3/8+	4x6
1000.5	10	0.5	0.05	3/8q	4x6
0805.5	8	5.5	0.51	3/8+	4x6
0507.5	5	7.5	0.69	3/8+	4x6
0213	2	13	1.20	1/2+	6x8

PUMP MODELS:

KMSA DC	Constant output pump, stroke length and stroke rate adjustment, standby input, alarm output, level control.
KMSA MF	Multifunction pump. Modes: constant, pulse divide, multiply, PPM, batch, Volt, mA, %, ml/q, standby input, flow sensor input, alarm output, level control.
KMSA CL	Digital pump with built in chlorine controller, direct probe connection, proportional action.
KMSA EN	Digital pump with built in 7 day timer, LCD display, level probe.
KMSA PH	Digital pump with built in pH controller, direct probe connection, proportional action.
KMSA RH	Digital pump with built in ORP controller, direct probe connection, proportional action.

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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
- 2 YEAR WARRANTY*



The KMS series metering pumps are a robust high quality pump with advanced features and control options.

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 and discharge tubing and an injection valve, Pacing and alarm cables are also included where relevant.

PUMP SIZES:

Model	Pressure (max) Bar	Flow l/h	Cc/stroke	Valve size BSP	Suction Hose	Injection Hose
1802	18	2	0.19	3/8+	16x22	8x12
1504	15	4	0.37	3/8+	16x22	8x12
1005	10	5	0.46	3/8+	16x22	8x12
0808	8	8	0.74	3/8+	16x22	8x12
0510	5	10	0.93	3/8+	16x22	8x12
0218	2	18	1.67	1/2+	16x22	8x12

PUMP MODELS:

K CO PLUS LPV	Manual setup (Constant pump with stroke speed and stroke length adjustment), ÷10 function.
K CL PLUS LPV	Manual setup, with level probe input, ÷10 function.
K PLUS LPV	Manual setup plus input signals 4-20mA, 0-20mA or pulse with built in multiplier or divider function.
KMS DC LPV	Digital constant output pump, standby input, alarm output, level control.
KMS MF LPV	Multifunction pump. Modes: constant, pulse divide, multiply, PPM, batch, Volt, mA, %, ml/q, standby input, flow sensor input, alarm output, level control.
KMS EN LPV	Digital pump with built in digital 7 day Timer, LCD display and level probe.
KMS CL LPV	Digital pump with built in Chlorine controller, direct probe connection, proportional action.
KMS PH LPV	Digital pump with built in pH controller, direct probe connection, proportional action.
KMS RH LPV	Digital pump with built in ORP controller, direct probe connection, proportional action.

Valves and O-rings in alternative materials, alternative voltages, selection of colours, compressed air driven option.

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