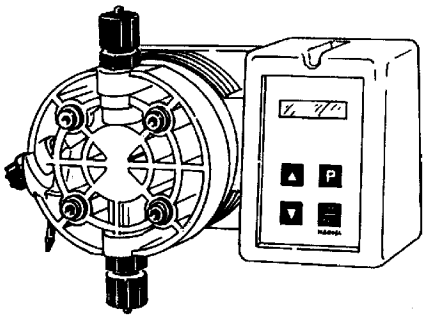
"GMS DIGITAL" series Metering Pumps

Data Sheet

Configuration



Power supply: 230 VAC (190÷265 VAC)
Power supply: 115 VAC (90÷135 VAC)
Power supply: 24 VAC (20÷32 VAC)
Power supply: 12 VDC (10÷16 VDC)

CE

MODELS		
MF	"*GMS MF*"	**Digital Multifunction pump (Constant, Divide, Multiply, PPM, Batch, Volt, mA), stand-by and flow sensor input, alarm output and level control.**
DC	"*GMS DC*"	**Digital constant pump, stand-by input and alarm output and level control.**
PH	"*GMS PH*"	**Proportional pump driven by internal built-in pH meter (0÷14pH) and level control, supplied withouth pH probe.**
RH	"*GMS RH*"	**Proportional pump driven by internal built-in Redox (ORP) meter (0÷1000mV) and level control, supplied without Redox probe.**

CAPACITIES			HOSE	VALVE
2005	5 l/h against 20 bar	1.32 GPH against 290 PSI	3/8" PVDF	3/8"
0515	15 l/h against 5 bar	3.96 GPH against 72 PSI	3/8"	1/2"
0420	20 l/h against 4 bar	5.28 GPH against 58 PSI	1/2"	1/2"
0330	30 l/h against 3 bar	7.93 GPH against 43 PSI	1/2"	1/2"
0150	50 l/h against 1 bar	13.2 GPH against 14 PSI	1/2"	1/2"
00100	100 l/h against 0 bar	26.4 GPH against 0 PSI	1/2"	1/2"

POWER SUPPLY	
00	230 VAC Schuko plug
0S	230 VAC Australian plug
01	230 VAC Without plug
03	115 VAC US plug
04	24 VAC Without plug
05	12 VDC *
07	24 VDC
** Not available on some models.*	

Model G MF 2001 V 00 00

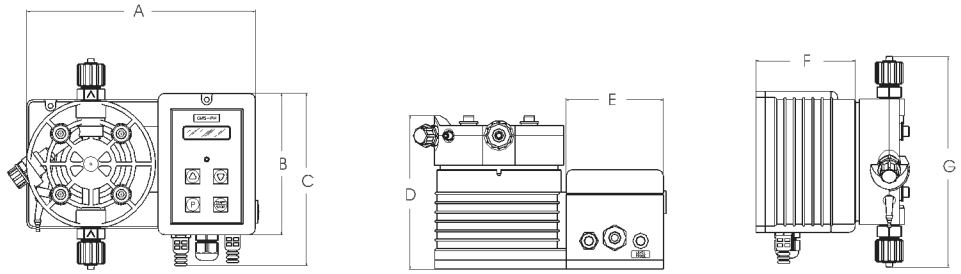
LIQUID ENDS								
	Head	Orings	Valve		Diaphgram	Hose		Viscosity
			Body	Balls		Delivery	Suction	Max CPS
V	Polypropylene	Viton®	Polypropylene	Ceramic	PTFE	Polyetylen	PVC*	100
D	Polypropylene	Etilene Propilene	Polypropylene	Ceramic	PTFE	Polyetylen	PVC*	100
W	Polypropylene	Nytrile	Polypropylene	Ceramic	PTFE	Polyetylen	PVC*	100
T	Polypropylene	Viton®+PTFE	Polypropylene	Ceramic	PTFE	Polyetylen	PVC*	100
S	Polypropylene	Silicone	Polypropylene	Ceramic	PTFE	Polyetylen	PVC*	100
A	Acrylic	Viton®	Polypropylene	Ceramic	PTFE	Polyetylen	PVC	100
K	PVDF	Viton®	PVDF	Ceramic	PTFE	PVDF	PVDF	100
P	PVDF	EPDM	PVDF	Ceramic	PTFE	PVDF	PVDF	100
** 6x8 hose is made of Poliethylene for suction and delivery.*								
Viton® is a registered trademark of DuPont Dow Elastomers.								

1365 Piper Road
Ashby, MA 01431
1-800-998-EMEC (3632)
1-978-386-0000
Fax 1-978-386-0002
www.emecpumps.com

"GMS DIGITAL" series Metering Pumps

Data Sheet

INFORMATION						
	Speed Stroke		Power consumption at (230VAC)	Power consumption at (115VAC)	Power consumption at (24VAC/VDC)	Weight
	Min	Max				
	Stroke hour	Stroke minute				
2005	1	120	27 Watt	21 Watt	N/A	5.7 Kg (12.6 Lbs)
0515	1	120	27 Watt	15 Watt	14 Watt	
0420	1	120	27 Watt	21 Watt	N/A	
0330	1	120	27 Watt	21 Watt	N/A	
0150	1	120	27 Watt	21 Watt	N/A	
00100	1	120	27 Watt	21 Watt	N/A	



DIMENSIONS		
	mm	*inches*
A	221	8.70
B	136	5.35
C	166	6.53
D	148	5.82
E	94	3.70
F	96	3.77
G	203	7.99

IP65 enclosure (NEMA4x)

"GMS DIGITAL" series metering pumps are manufactured in molded glass filled and Polypropylene housing protection against aggressive chemicals and tough environment .

MORE INFORMATION							
	Flow				cc per Stroke	Maximum Injection Pressure	
	Min cc/h	Max l/h	Min GPH	Max GPH	Max		
2005	0.7	5	0.0001	1.32	0.7	20 bar	290 PSI
0515	2.1	15	0.0005	3.96	2.1	5 bar	72 PSI
0420	5.28	20	0.0013	5.28	2.8	4 bar	58 PSI
0330	7.93	30	0.0020	7.93	4.2	3 bar	43 PSI
0150	13.2	50	0.0034	13.2	7	1 bar	14 PSI
00100	26.4	100	0.0069	26.4	14	0 bar	0 PSI

EMEC
ISO 9001 certified

1365 Piper Road
Ashby, MA 01431

1-800-998-EMEC (3632)
1-978-386-0000

Fax 1-978-386-0002
www.emecpumps.com