



M e t e r i n g P u m p s

# G SERIES

*G & GMS DIGITAL MODELS*



**S**troke speed adjustment with fixed stroke length for low cost application.

**W**ide control opportunities, without any external pacer, such as pulse division and multiplication,  $4 \div 20$  mA, mV, V input and timer with start signal input.



**F**eatures pH and ORP potential (Redox) built-in instruments.



# M E T E R I N G P U M P S

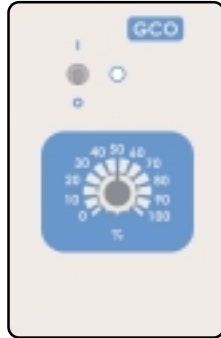
G C O \* G C L \* G I S \* G P V \* G P V M \* G I C \* G T E

## G M O D E L S & C O N T R O L P A N E L S



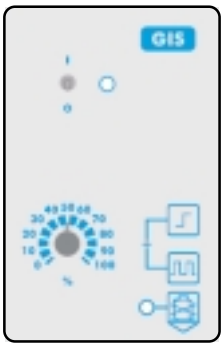
### G C O

Constant pump with stroke speed adjustment



### G C L

Constant pump with level control, stroke speed adjustment



### G I S

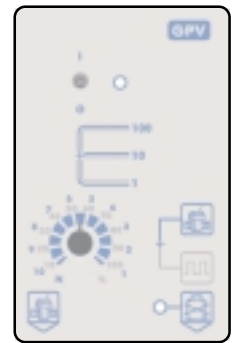
Constant-Proportional pump driven by external digital signal, with level control: to each external pulse correspond one pump stroke

### G P V M

Constant-Proportional pump driven by external digital signal, with pulse division and multiplication

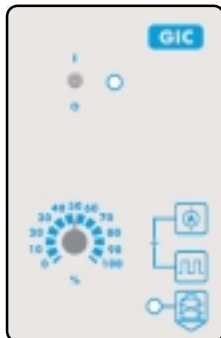
### G P V

Constant-Proportional pump driven by external digital signal, with pulse divider mode



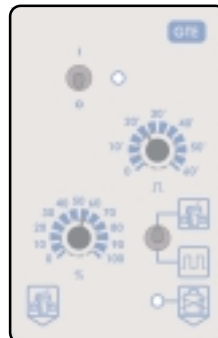
### G I C

Constant-Proportional pump driven by current signal (0/4mA = 0 pulses; 20mA = max pulses) and level control



### G T E

(0"-60") timered pump with external digital start signal and level control



	G C O	G C L	G I S	G P V	G P V M	G I C	G T E
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Input Signals	None	None	Digital pulses	Digital pulses	Digital pulses	m A Current	Startpulses
Internal Controller	Stroke speed	Stroke speed	None	Pulse Divider	Pulse Divider and Multiplier	None	Internal Timer
Alarm output	Level on demand						

# M E T E R I N G P U M P S

GMS MAN \* GMS EXT \* GMS PH \* GMS RH

## GMS DIGITAL MODELS & CONTROL PANELS



### GMS MAN

Constant pump with level control and stroke frequency digital control

### GMS EXT

Multifunction-Proportional pump with analogic and digital signal input, level control



### GMS PH

Proportional pump driven by internal built-in pH meter (0÷14pH) and level control

### GMS RH

Proportional pump driven by internal built-in Redox (ORP) meter (0÷1000mV) and level control

	GMS MAN	GMS EXT	GMS PH	GMS RH
Input Signals	None	Digital Pulses mA Current V Voltage mV Voltage	pH probe	Redox probe
Internal Controller	Stroke speed	Pulse divider and multiplier Analog signal proportional range definition	pH meter proportional	Redox meter proportional
Alarm output	Level on demand			

**G** Series are available in Acrylic, PVDF, Stainless Steel and PP pump heads. All pump heads are available with self-venting feature except Stainless Steel pump heads.



	Pump Head	Diaphragm	Ball Checks	Valve Cartridge	Hose Connection kit	Foot Filter	Hoses	O-rings
STANDARD	Polypropylene	PTFE	Ceramic	Polypropylene	Polypropylene	Polypropylene	PE	Viton®
ON DEMAND	PVDF Acrylic SS	--	PTFE Glass SS	PVDF SS	PVDF	PVDF	PVDF PVC	EPDM NBR

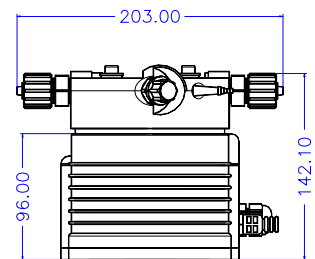
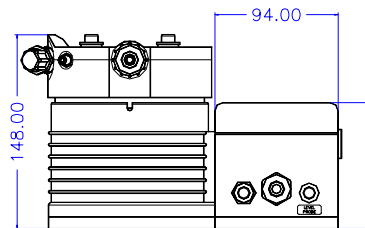
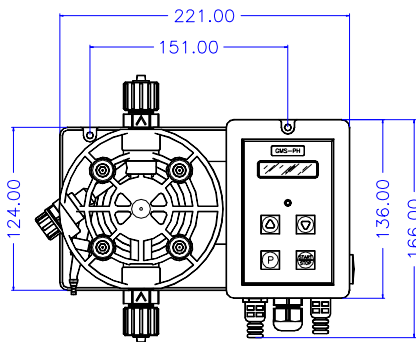
Viton® is a registered trademark of DuPont Dow Elastomers.

# Technical Data of All Models

Flow	Max Capacity l/h	Max Pressure bar	Capacity l/h	Pressure bar	ml stroke	Strokes/min.	Hoses mm	Watt W	Shipping weight Kg
20 01	1	20	1,3	10	0,14	120	4 X 8	22 W	5
18 02	2	18	2,5	9	0,23	150	4 X 8	22 W	5
15 03	3	15	4	8	0,33	150	4 x 6	22 W	5
20 05	5	20	6	10	0,7	120	4 X 8	27 W	5,7
10 05	5	10	5,5	5	0,56	150	4 x 6	22 W	5
12 07	7	12	9	6	0,98	120	4 x 6	27 W	5,7
07 07	7	7	7,5	3,5	0,78	150	4 x 6	22 W	5
10 10	10	10	12	5	1,4	120	4 x 6	27 W	5,7
05 10	10	5	11,5	2,5	1,1	150	4 x 6	22 W	5
05 15	15	5	18	2,5	2,1	120	6 X 8	27 W	5,7
01 15	15	1	17	0,5	1,7	150	4 x 6	22 W	5
04 20	20	4	22	2	2,8	120	6 X 8	27 W	5,7
03 30	30	3	33	1,5	4,2	120	8 X 12 PVDF 8 X 10	27 W	5,7
01 50	50	1	54	0,5	7	120	8 X 12 PVDF 8 X 10	27 W	5,7
00 100	100	0	--	--	14	120	8 X 12 PVDF 8 X 10	27 W	5,7

Flow rate indicated is for H<sub>2</sub>O at 20 °C at the rated pressure.

**P**ower Supply: 115 - 230 - 24 VDC. Other mains are available on demand.



All dimensions are in mm unless specified.