

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

CMS SERIES



CMS & CMS DIGITAL

Stroke length and stroke speed adjustment for highly accurate dosing.

Wide control opportunities, without any external pacer, such as pulse division and multiplication, 4 ÷ 20 mA, mV and V input.

Power supply continuous sampling ensures always the same energy to the solenoid in order to have the same stroke length and power giving longer life to the pump and more accurate dosing.



Features pH and ORP potential (Redox) built-in instruments.



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

CMS CO * CMS CL * CMS IS * CMS PV * CMS PVM * CMS IC

CMS MODELS & CONTROL PANELS



CMS CO

Constant pump with stroke speed adjustment and stroke length adjustment



CMS CL

Constant pump with level control, stroke speed adjustment and stroke length adjustment

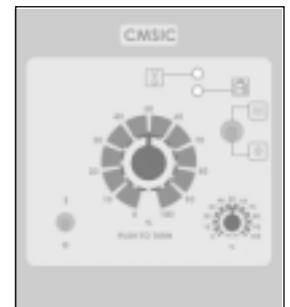


CMS IS

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

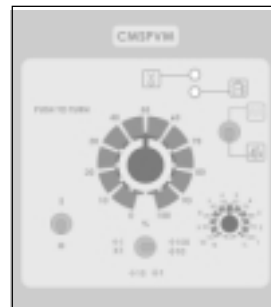
CMS IC

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



CMS PV

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



CMS PVM

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

	CMS CO	CMS CL	CMS IS	CMS PV	CMS PVM	CMS IC
Input Signals	None	None	Digital Pulses	Digital Pulses	Digital Pulses	mA current
Internal Controller	Stroke speed	Stroke speed	None	Pulse Divider	Pulse Divider and Multiplier	None
Alarm output	Level on demand					

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

CMS MAN * CMS EXT * CMS PH * CMS RH * CMS EXT/485

CMS DIGITAL MODELS & CONTROL PANELS



CMS MAN

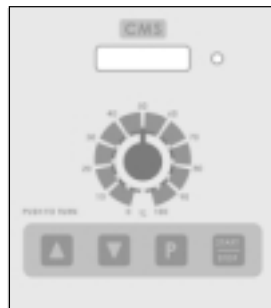
Constant pump with level control and frequency digital control

CMS EXT

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

CMS EXT / 485

Remote controlled CMS EXT pump via RS485



CMS PH

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

CMS RH

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

	CMS MAN	CMS EXT	CMS PH	CMS RH	CMS EXT/485
Input Signals	None	Digital Pulses mA Current V Voltage mV Voltage	pH probe	Redox probe	Digital Pulses mA Current V Voltage mV Voltage
Internal Controller	Stroke speed	Pulse divider and multiplier Analog signal proportional range definition	pH meter proportional	Redox meter proportional	Pulse divider and multiplier Analog signal proportional range definition
Remote control	No	No	No	No	RS 485
Alarm output	Level on demand				

	Pump Head	Diaphragm	Ball Checks	Valve Cartridge	Hose Connection kit	Foot Filter	Hoses	O-rings
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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

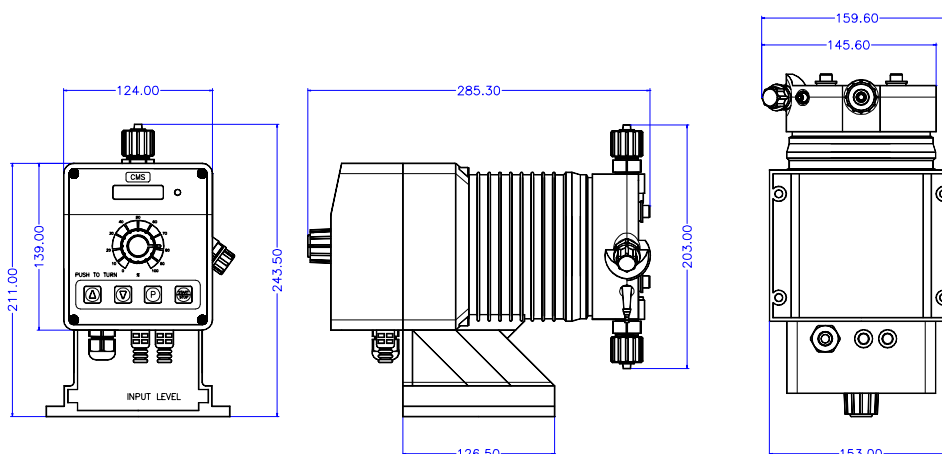
Flow	Max Capacity l/h	Max Pressure bar	Capacity l/h	Pressure bar	m l stroke	Strokes/ m n	Hoses mm	Watt W	Shipping weight Kg
25 05	5 l/h	25	7	12,5	0,70	120	4 x 8 PE	42 W	9
15 10	10 l/h	15	12	7,5	1,4	120	4 x 8 PE	42 W	9
07 20	20 l/h	7	27	3,5	2,8	120	6 x 8 PE	42 W	9
03 40	40 l/h	3	45	1,5	5,6	120	8 x 10 PVDF 8 x 12 PE	42 W	9
02 60	60 l/h	2	66	1	8,4	120	8 x 10 PVDF 8 x 12 PE	42 W	9

Power Supply: 115 - 230 - 24 VDC.

On demand are available other power supply.

CMS Series are available in Acrylic, PVDF, Stainless Steel and PP pump heads.

All pump heads are also available with self-venting feature except Stainless Steel pump heads.



All dimensions are in mm unless specified.

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sistemi di dosaggio
 trattamento acque
 fertirrigazione
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