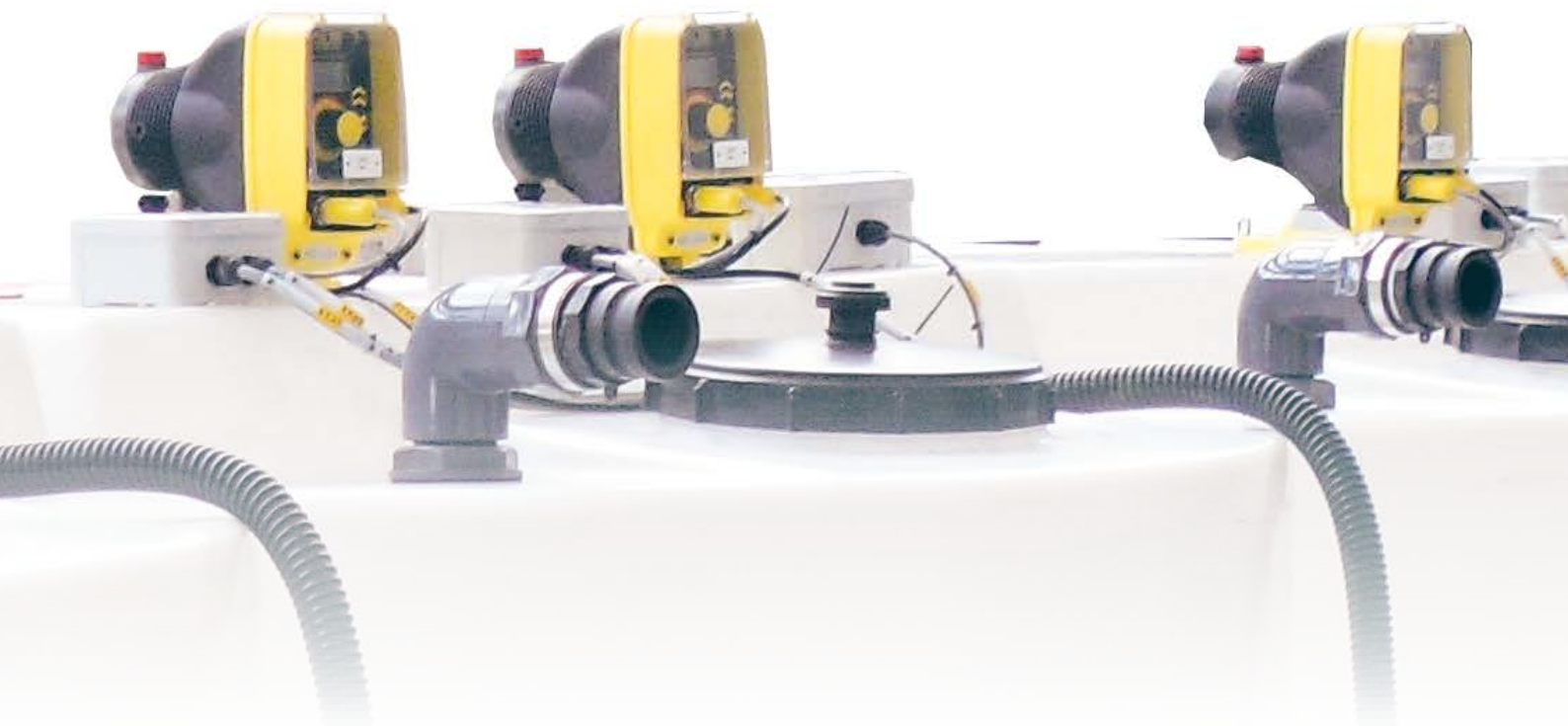


Chemical Dosing Systems Series CDS



Features:

- LMI Electric or Motor-Driven metering pump
- Fully adjustable output capacity of up to 1800 L/hr
- Manual function control for stroke rate & length
- Highly reliable timing circuit
- Remote On/Off through external control connector (5-Pin)
- Polyethylene tank for a wide range of corrosion resistance to such chemicals as mild acid, chlorine, and caustic solution
- Factory tested for insured quality
- 1 year warranty

LMI Series P Electric metering pump

- Flow Rates up to 15.2 L/hr, adjustable from 30% - 100%
- Dual manual control; Speed and stroke length manually adjustable
- Remote On/Off through external control connector (5-Pin)
- Single-ball check valve
- Stroke indicator light flashes when the pump is stroking
- PVC, PVDF liquid end material



LMI Series G Motor-Driven metering pump

- Flow Rates up to 1800 L/hr, adjustable from 0% - 100%
- Mechanically actuated PEFE Diaphragm design eliminates contour plates
- Variable eccentric drive mechanism for smooth sinusoidal flow
- High efficiency motors minimize heat buildup
- Lockable micrometer stroke, while pump is running or stopped
- Self-cleaning suction/discharge check valve
- PVC, PVDF & SS316 liquid end material



PE Tanks

- Polyethylene tank for a wide range of corrosion resistance to such chemicals as mild acid, chlorine, and caustic solution
- 100 - 3,000 L



Applications:

- Membrane cleaning
- Water purification and pollution control
- Iron, hydrogen sulfide & manganese removal
- Scale prevention
- Acid water neutralization
- Coagulation and turbidity removal
- Waste water treatment
- Food Processing
- Swimming pool treatment
- Liquid fertilizer treatment
- Hydroponics nutrient treatment
- Algae control

CDS System

A CDS system consists of

- LMI metering pump
- Ceramic ball valve
- O-ring
- PVC tubings and connectors
- PE tank



Ordering information

Model	LMI Model	Tank size (Litre)	Capacity L/hr	Pressure (bar)	Stoke (SPM)	Motor power (w)	Electrical	Connection
CDS-P113	P+113	100	0.9	17.2	120	22	220V, 50Hz, 1ph	3/8"
CDS-P143	P+143	100	1.9	17.2	240	22	220V, 50Hz, 1ph	3/8"
CDS-P153	P+153	200	3.8	7.6	240	22	220V, 50Hz, 1ph	3/8"
CDS-P163	P+163	200	7.6	3.4	240	22	220V, 50Hz, 1ph	3/8"
CDS-P183	P+183	200	12.1	1.5	240	22	220V, 50Hz, 1ph	3/8"
CDS-P193	P+193	300	15.2	1.0	240	22	220V, 50Hz, 1ph	3/8"
CDS-GM0025	GM0025	500	25.0	12	72	250	220V, 50Hz, 1ph	Hose 6x12
CDS-GM0050	GM0050	500	50.0	10	144	250	220V, 50Hz, 1ph	Hose 6x12
CDS-GM0120	GM0120	1,000	115	7	72	250	220V, 50Hz, 1ph	1/2" NPTF
CDS-GM0240	GM0240	2,000	235	7	144	250	220V, 50Hz, 1ph	1/2" NPTF
CDS-GM0400	GM0400	2,000	400	5	144	250	220V, 50Hz, 1ph	1/2" NPTF
CDS-GM0500	GM0500	2,000	500	5	180	250	220V, 50Hz, 1ph	1/2" NPTF
CDS-GB0700	GB0700	3,000	656	3.5	102	550	220V, 50Hz, 1ph	1-1/2" NPTF
CDS-GB1000	GB1000	3,000	946	3.5	144	550	220V, 50Hz, 1ph	1-1/2" NPTF
CDS-GB1200	GB1200	3,000	1,200	3.5	180	550	220V, 50Hz, 1ph	1-1/2" NPTF
CDS-GB1500	GB1500	3,000	1,500	3	180	550	220V, 50Hz, 1ph	1-1/2" NPTF
CDS-GB1800	GB1800	3,000	1,800	3	206	750	220V, 50Hz, 1ph	1-1/2" NPTF

Design, specification and materials subject to change without notice.

Options



Media Filters and Softeners

Anthracite : for Sediment Removal
Manganese Green Sand : For Stain Removal
Activated Carbon : for Chlorine, Tastes and Odors Removal
Resin : for Hardness Removal



RO Systems

- Series PRO48, capacity of 1.5 - 3.0 m³/hr
- Series PRO88, capacity of 6-18 m³/hr



Booster Pumps

For boosting the constant pressure to the filter tanks and offering smooth filtration and high efficiency. Consists of single or double pumps, diaphragm pressure tank, pump controller with pressure switch or float switch.



Microfiltration Systems

Multi-Cartridge Filter and Housings provide a high quality solution for high-volume microfiltration up to 825 m³/hr. Ideal for use in post-filtration and more. SS304 or FRP housings fit standard 40" filter cartridges. Filters cartridges are nominal micron rating 1-50 micron.



Ultrafiltration (UF) Systems

- Capacity of up to 100 m³/hr
- Low fouling Hydrophilic Polyvinylidene fluoride (H-PVDF) membrane
- Excellent filtration performance with high flux
- Can be periodically back washed and air scoured to improve performance and extend operating life by removing the fouling layer

Please request more information.

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