PCSTR1-7D1P Dosing System

With 7 Day Programmable Timer

AQUA DOSING SYSTEMS

- With peristaltic pumps and solenoid pumps.
- Flow rates from 0.1 l/hr to 6 l/hr.
- Pressures up to 10 Bar.
- IP-65 Protection.
- Clear or opaque (grey) cover.
- Includes pump accessories and mounting kit.
- Built-in quartz controlled timer
- User-friendly keyboard
- Large and easily readable LCD display
- Time display 24 h or AM/PM
- 16 memory slots (8x ON, 8x OFF) allocatable over the week
- Integral lithium battery protects programme for 5 years
- Minimum switching interval 1 min
- Separate mode selector switch for ON/AUTOMATIC/OFF and TIME SET/OPERATION/PROGRAMMING
- Reset function
- Skip function
- Block formation of weekdays possible

Pump Model	Flow/Pressure	Control	Type
PER-RS 01.03	1 l/hr/3 Bar	Fixed Speed	Peristaltic
PER-RS 1,5.01	1.5 l/hr/1 Bar	Fixed Speed	Peristaltic
PER-RS 03.01	3 l/hr/1 Bar	Fixed Speed	Peristaltic
PER-R 01.03	1 l/hr/3 Bar	0-100%	Peristaltic
PER-R 04.01	4 l/hr/1 Bar	0-100%	Peristaltic
PER-R 06.01	6 l/hr/1 Bar	0-100%	Peristaltic
HC-100 01-08	1 l/hr/8 Bar	0-100%	Solenoid
HC-100 02-10	2 l/hr/10 Bar	0-100%	Solenoid
HC-100 04-08	4 l/hr/8 Bar	0-100%	Solenoid
HC-100 05-07	5 l/hr/7 Bar	0-100%	Solenoid
HC-100 06-02	6 l/hr/2 Bar	0-100%	Solenoid

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PER Series Peristaltic Pumps

AQUA
DOSING SYSTEMS

FRONT VIEW

SIDE VIEW

BACK VIEW

AQUA PER Series Peristaltic Pump is a reliable low cost solution, for light duty, chemical dosing applications.

Its compact size, and simple installation procedure (complete with wall mounting bracket) makes a versatile pump for installation which is also good in confined spaces. With IP65 rating, the AQUA PER Series Peristaltic Pump can be installed in outdoor applications.

The AQUA PER Series Peristaltic Pump is available in fixed speed and (0/100%) adjustable speed versions.

Utilizing an innovative front cover design there are a number of advantages from the standard peristaltic pumps currently available on the market:

- Front cover is locked in position with hand knob.
- When front cover is removed squeeze tube can be easily removed by hand. Due to the design of the front cover, the removal of the squeeze tube will not require the rotor to be rotated, (placing no stress on gearbox axle).
- Greater structural strength add durability as the rotor drive shaft is supported both above and below the rotor.

The AQUA PER Series Peristaltic Pumps come complete with water treatment installation kit consisting of:

- PP injection nozzle with Viton non-return sleeve valve (3/8" BSP).
- PP weighted foot filter with Viton Lip Valve.
- Sturdy wall mounting bracket with screws & plug.
- 2m of 4/6mm PVC suction tubing.
- 2m of 4/6mm PE rigid discharge tubing.

General Specification

Power Supply:	230VAC 50Hz (12 & 24VDC available)
Dimension:	125(h)x95(w)x115(d)
Connectors:	Polypropylene
Cover:	Polycarbonate
Housing:	Polypropylene
Enclosure:	IP65
Squeeze Tube:	Santoprene or Tygon

MODEL	*FLOW (l/hr)*	*PRES. (bar)*	*Control*	*Tube Material*	*Power Suppy*
PER-RS 01.03	1	3	Fixed	Tygon	240VAC
PER-RS 1,5.01	1.5	1	Fixed	Santoprene	240VAC
PER-RS 03.01	3	1	Fixed	Santoprene	240VAC
PER-R 01.03	1	3	0-100%	Tygon	240VAC
PER-R 04.01	4	1	0-100%	Santoprene	240VAC
PER-R 06.01	5	1	0-100%	Santoprene	240VAC
PER-RSdc 04.01	4	1	Fixed	Santoprene	24VDC
PER-RSdc 06.01	6	1	Fixed	Santoprene	24VDC

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HC100 Series Solenoid Pumps

DOSING SYSTEMS

AQUA HC100 Series Solenoid Pump is a reliable low cost solution for continuous chemical dosing applications.

Its compact size, and simple installation procedure (complete with wall mounting bracket) makes a versatile pump for installation which is also good in confined spaces. With IP65 rating, the AQUA HC100 Series Solenoid Pump can be installed in outdoor applications.

The AQUA HC100 flow rate is adjustable via a stroke frequency knob. The pump will accurately dose according to the selected frequency. A selector switch will change the adjustment range from 0-100% to 0-20% to provide a double scale adjustment for good adjustment over a wide range of flow rates.

The HC100 is supplied with a complete accessory kit and lots of features :

- Reinforced PP Housing.
- 2 LED Display Status.
- On/Off power switch.
- Analogue controls.
- Dual scale pulse reduction: 0-100% and 0-20%.
- Air bleed for easy priming.

The AQUA HC100 Series Solenoid Pumps come complete with installation kit consisting of:

- PP injection nozzle with Viton non-return sleeve valve (3/8" BSP).
- PP weighted foot filter with Viton Lip Valve.
- Sturdy wall mounting bracket with screws & plug.
- 2m of 4/6mm PVC suction tubing.
- 2m of 4/6mm PE rigid discharge tubing.

General Specification

Power Supply:	230VAC 50Hz (12 & 24VDC available)
Dimension:	125(h)x95(w)x115(d)
Connectors:	Polypropylene
Cover:	Polycarbonate
Housing:	Polypropylene
Enclosure:	IP65
Squeeze Tube:	PTFE (solid)

MODEL	*FLOW (l/hr)*	*PRES. (bar)*	*Control*	*Power Suppy*
HC100 01.08	1	8	0-20/100%	240VAC
HC100 02.10	2	10	0-20/100%	240VAC
HC100 04.08	4	8	0-20/100%	240VAC
HC100 05.07	5	7	0-20/100%	240VAC
HC100 06.02	7	2	0-20/100%	240VAC

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