



VERDERFLEX VP

Peristaltic tube pumps & dosing systems

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Verderflex Peristaltic tube pump series

Verderflex VP peristaltic tube pumps are compact dosing pumps for dosing of chemicals; offering models with integrated function such as timer, pH control or Redox control. The system is self priming, with an innovative stability tube control to maximise tube life. Application areas are found in the chemical industry, medical industry, laboratory and analysis, swimming pools, cleaning & hygiene.

Verderflex VP1 series

Fixed flow panel mounted peristaltic tube pump. Standard power supply is 230 VAC with Santoprene® tubing. Options Silicon or Tygon®. Optional version available with 24 VDC.



Verderflex VP1-Timer;

Fixed flow peristaltic tube pump with programmable stop/start control and daily and weekly settings. Up to 10 program settings per day. Protection rating IP55. Standard power supply is 230 VAC with Santoprene® tubing. Options Silicon or Tygon®.

Maximum flow rate	2.4 l/h
Maximum pressure	1 bar



Verderflex VP1-pH;

Digital proportional peristaltic tube pump for pH control. Automatic calibration with efficiency indication of the electrode. Protection rating IP55. Standard power supply is 230 VAC with Santoprene® tubing. Options Silicon or Tygon®.

Maximum flow rate	2.4 l/h
Maximum pressure	1 bar



Verderflex VP1-RX;

Digital proportional peristaltic tube pump for Redox control. Automatic calibration with efficiency indication of the electrode. Protection rating IP55. Standard power supply is 230 VAC with Santoprene® tubing. Options Silicon or Tygon®.

Maximum flow rate	2.4 l/h
Maximum pressure	1 bar



Verderflex VP2 series

Peristaltic panel mounted compact tube pump with fixed flow rate. Standard power supply is 230 VAC, 24 VDC with Santoprene® tubing. Options 24 VDC, Silicon or Tygon®.

Verderflex VP2-B;

Peristaltic wall mounted tube pump with fixed flow rate. Protection rating IP55. Standard power supply is 230 VAC with Santoprene® tubing. Options 24 VDC, Silicon or Tygon® tubing , on/off switch.

	230 VAC	24 VDC
Maximum flow rate	6 l/h	20 l/h
Maximum pressure	1 bar	1 bar



Verderflex VP2-R;

Peristaltic wall mounted tube pump with integrated speed adjustment from 0 – 100%. Protection rating IP55. Standard power supply is 230 VAC with Santoprene® tubing. Options Silicon or Tygon® tubing, on/off switch.

	230 VAC
Maximum flow rate	6 l/h
Maximum pressure	1 bar



Verderflex VP2-R 20-260 VAC Multi-Voltage;

Peristaltic wall mounted tube pump with integrated speed adjustment from 0 – 100%. Protection rating IP55. Standard power supply is 20-260 VAC with Santoprene® tubing. Options Silicon or Tygon® tubing, on/off switch.

	20-260 VAC
Maximum flow rate	6 l/h
Maximum pressure	1 bar





Verderflex VP2-pH;

Digital proportional peristaltic tube pump for pH control. Automatic calibration with efficiency indication of the electrode. Protection rating IP55. Standard power supply is 230 VAC with Santoprene® tubing. Options Silicon or Tygon®.

Maximum flow rate	4 l/h
Maximum pressure	1 bar



Verderflex VP2-RX;

Digital proportional peristaltic tube pump for Redox control. Automatic calibration with efficiency indication of the electrode. Protection rating IP55. Standard power supply is 230 VAC with Santoprene® tubing. Options Silicon or Tygon®.

Maximum flow rate	4 l/h
Maximum pressure	1 bar



Verderflex Accessories and ancillary equipment



To enlarge the application areas of the Verderflex peristaltic tube pumps, an extended program of accessories and ancillary equipment is available.

Accessories:

- Injection valve 1/8": the injection valve is either in Polypropylene (PP) or Stainless Steel (SS). For detergent dosing and rinse aid it is mandatory to use SS injection valve.
- PP injection valve with internal lip valve 1/2"
- PP injection valve with ball valve and Hastelloy spring 1/2"



Foot filters:

- PP foot filter with lip valve
- PP foot filter with double ball valve
- Basic PP foot filter without return valve

Electrodes

Electrodes for controllers: pH Electrodes, Redox Electrodes, Conductivity Electrodes, Temperature Electrodes, Chlorine cell and Electrodes, Oxygen electrodes, Turbidity Cell. Each electrode reads one measurement

Probe and Probe holders

For all applications probe and probe holders are available for pH, Redox and conductivity. Coax cables and electrode holders, buffer solution and level probes are available in several models.

Mixers

A perfect solution to mix chemicals in small tanks (100 - 500 litres). The shaft is made of stainless steel for maximum strength against mechanical stress. The mixers are available in two standard speeds: 70 rpm for slow rotation and 1400 rpm for fast rotation, depending on your application. Other speeds on request. The mixers can be equipped with single or 3 phase motor.

Verderflex Control equipment

Verderflex peristaltic tube pumps can be used in combination with a professional digital microprocessor controller with LCD display for control of:

- pH/ORP
- Conductivity
- Chlorine
- Turbidity
- Oxygen

Features:

- 2 rows LCD backlit display
- 2 ON / OFF AC outputs
- One 0/4 - 20 mA proportional digital output
- Protection through self-resetting fuse
- Operating temperature -10 - +50°C
- Input for flow sensor
- Display for temperature probe (probe not included)

Technical data:

- Power supply 230 V +/- 10%, 50-60 Hz
- Max power 7VA relay output version
- ON/OFF, 2 relays. Independent output on removable terminal with 5 pins 250 V ~ 3A resistant
- 0/4 - 20 mA proportional output
- One OFF/LEV input for disabling outputs free contact potential-free voltage at the terminals 5V current max 5mA



VERDERFLEX®

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