



VERDERFLEX®

*The green
peristaltic pump*

Application areas

Water treatment
Mineral processing
Chemical dosing
Pharmaceutical
Brewery
Food flavouring

Verderflex® Vantage 5000

- Precision dosing with accuracy >1%
- Up to double the flow of other leading brands
- High flow per revolution enhances tube life
- Advanced touch screen technology
- Intuitive, icon based menus
- Wide range of remote control options
- 6600 mL/min / 104 GPH
- 7 bar / 100 PSI
- Turn down ration of 4000:1

Key features

- Large diameter motor
- On-board storage for 30 dosing programs
- USB interface for Pump Back Up and Job Transfer
- IP66 / NEMA 4X
- Standard Pressure Options:
 - Loose Tubing
 - Quick Release
 - Tri Clamp
- Medium & High Pressure Options:
 - Quick Release
 - Tri Clamp
- Tube Burst Detection
- Multi-Level Passwords

Remote control options

- 0-10V, 4-20mA, Proportional Flow Control, SCADA, Modbus®, Profibus® or Wi-Fi



Technical specifications

Pump Model	Control	Remote	SCADA	Wi-Fi	Modbus®	Profibus®
Touchscreen display	✓	✓	✓	✓	✓	✓
Variable flow	✓	✓	✓	✓	✓	✓
Dose mode	✓	✓	✓	✓	✓	✓
Batch mode	✓	✓	✓	✓	✓	✓
Timer control mode	✓	✓	✓	✓	✓	✓
Start delay	✓	✓	✓	✓	✓	✓
Auto re-start option	✓	✓	✓	✓	✓	✓
Variable ramp up/down	✓	✓	✓	✓	✓	✓
Anti-drip	✓	✓	✓	✓	✓	✓
Full calibration with choice of flow units	✓	✓	✓	✓	✓	✓
USB file backup	✓	✓	✓	✓	✓	✓
Process specific screen display	✓	✓	✓	✓	✓	✓
Tube burst detector	✓	✓	✓	✓	✓	✓
Three level password protection	✓	✓	✓	✓	✓	✓

Analogue Remote Control	Control	Remote	SCADA	Wi-Fi	Modbus®	Profibus®
Stop/start		✓	✓	✓	✓	✓
Product source alarm		✓	✓	✓	✓	✓
Destination full alarm		✓	✓	✓	✓	✓
Direction control		✓	✓	✓	✓	✓
0-10V, 4-20mA (in/out)		✓	✓	✓	✓	✓
Tacho frequency output		✓	✓	✓	✓	✓
Master/Slave mode		✓	✓	✓	✓	✓
24V DC Volt Free Contacts 4 Inputs, 4 Outputs			SCADA LV			
115V AC Volt Free Contacts 4 Inputs, 4 Outputs			SCADA HV			

Digital Remote Control	Control	Remote	SCADA	Wi-Fi	Modbus®	Profibus®
IEEE 802-11 Wi Fi				✓		
Modbus®					✓	✓
Profibus®						✓
RS-232 / RS 485					✓	✓

Dimensions

