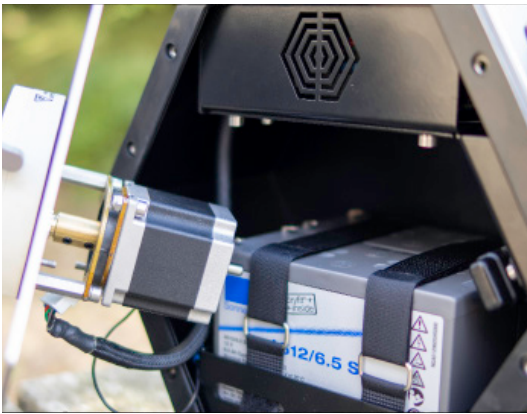




VAN WALT
monitoring your needs

Groundwater



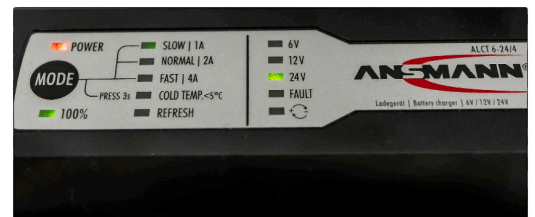
vanwaltHEX- Pump

Designed & manufactured by Van Walt Ltd

- Specified, designed and manufactured by Van Walt
- A high-quality peristaltic pump for low flow sampling
- Strong, powder coated aluminium hexagon design
- 3 mm marine grade stainless steel front plate
- CE-approved for field use
- Highest grade components chosen for their performance, robustness and reliability with high torque, stepless brushless motor
- Designed for regular, long and frequent use
- Well-constructed, modular design for extended life and ownership
- Easy-load pump head
- Requires just one size of silicone tubing
- High capacity 24 V system with highest-quality gel batteries for efficiency
- Easy-to-use controls
- Easy to transport and ship (lead batteries)
- Long, 7-hour operation time
- Low battery indicator
- Highest-grade German stepless and brushless motor

General Specifications

- Groundwater low flow purging and sampling
- Designed for installations in wells as narrow as 10mm
- Optimised power consumption to cater for an average day's sampling
- Very low maintenance. Only periodic external cleaning is required
- Relatively low weight with integral heavy-duty handle
- Easy to operate
- And, if anything does go wrong, the modular design allows for easy and cost-effective part exchange

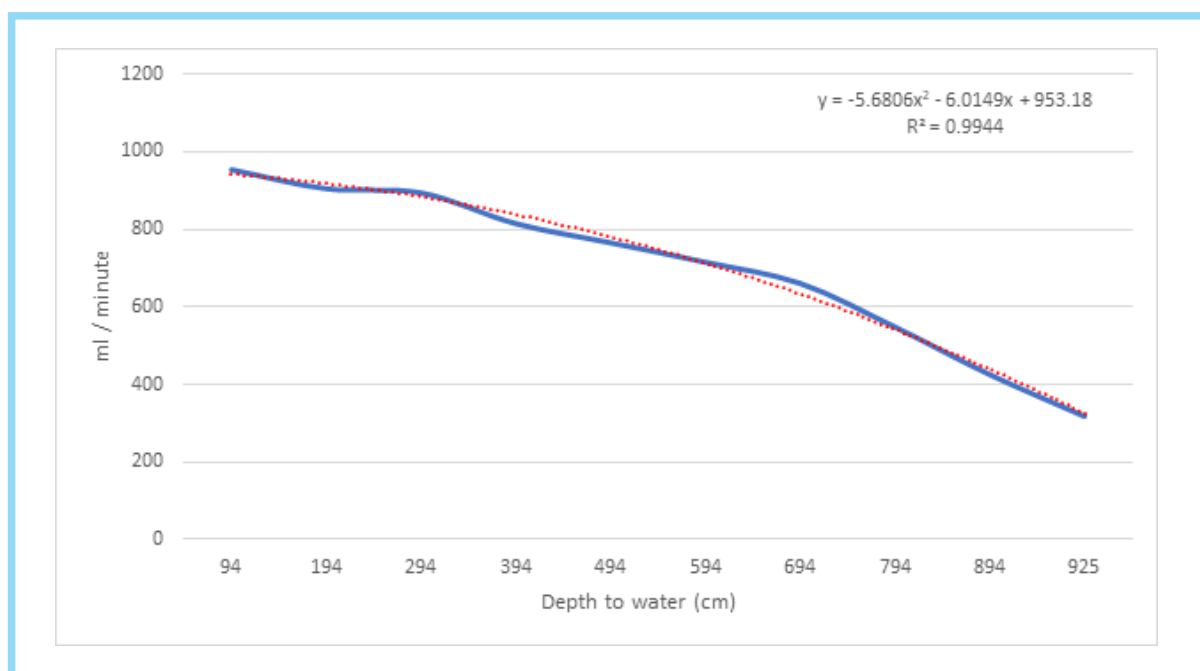


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Van Walt recommends: Best-in-class, low flow sampling pump for groundwater research

Technical Specifications

Power Supply	24V system powered by 2 x Sonnenschein (A512/6.5S) 6.5 Ah gel technology ultra deep cycle lead acid batteries
Run-time	On full revs: 7 hours on fully charged batteries
Maximum Head-lift	9.25 metres with GTSIL silicone tubing. Different flow rates and head-lift possible with other tubing sizes
Housing material	Bespoke heavy duty hexagonal aluminium housing, powder coated in black with a 3mm marine grade stainless steel removable front plate
Pump Head	Masterflex MK-07514-12 easy-load pump-head with 4 rollers
Pump Speed	A potentiometer with integrated on/off switch regulates pump speed steplessly.
Pump Motor	Nanotec SCB5618M4204-B – stepper motor with fluxfocus technology - NEMA 23. Stepper motor programmable controller regulated by the potentiometer
Battery Vents	2 X external vents for batteries
Battery Protection	Battery protection module with red LED warning light. Pump switches off automatically after a 90-second flashing "battery low" warning
Charging	External port on housing for charging
Charger	Ansmann 24V external charger
Dimensions	Hexagon, 330 X 306 X 220 mm (HXWXD)
Weight	11 kg
Wiring	Tinned, marine grade harness
Flow Curve	Flow curve at full revolutions (500 rpm) using GTSIL silicone tubing and 6 X 8 mm LDPE discharge tubing (12.20.04)



Van Walt recommends: Best-in-class, low flow sampling pump for groundwater research