

Eijkelpump Advanced Peristaltic Pump

The Advanced Peristaltic Pump is a compact portable sampling system that features an onboard rechargeable battery, touch-pad speed control, and 12V DC power output. The pump head accepts two tube sizes for broader flow range. Plus, all pump components are protected within an IP-66 enclosure, making the Advanced Peristaltic Pump ideal for field operations.



FEATURES

- Digital Speed Control
- Constant flow rates between 50ml – 2000ml/min
- System status with RPM and Battery Level displayed
- Suction lift up to 8.8 meters
- Power output for external 12V DC purge pumps

APPLICATIONS

- Transferring liquids
- Low-Flow and Purge & Sampling
- Filtration for trace-metals analysis
- Surface Water – DNA Sampling

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

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Eijkelpomp Advanced Peristaltic Pump

SPECIFICATIONS

	Item	Specifications
Housing		
	Dimensions Housing (L x W x H)	350 x 325 x 155 mm (13.7" x 12.8" x 6.0")
	Weight excl. Lithium-ion Battery	7 kg (15 lbs.)
	Lithium-ion Battery (LiFe PO4) 10 Ah	1.5 kg (3.3 lbs.)
	Material Standard Housing	HIPS
	Housing Interior	Stainless steel
Tubing		
	Material Pump Tube	Silicone
	Rigidity Pump Tube	50°–55° Shore-A
	Wall Thickness	2.0–2.2 mm
	Diameter Pump Tube (Ø inside x Ø outside)	4 x 8 mm & 6 x 10 mm
Pump Characteristics		
	Suction Head (depending on ambient conditions)	up to 8–8.8 m (29 ft.)
	Pressure Head (depending on ambient conditions)	
	<i>Tube Ø 4 x 8 mm</i>	2.5–3 bar
	<i>Tube Ø 6 x 10 mm</i>	2.5–3 bar
	Minimum Flow Rate @ 10 rev./min.	50 ml/min.
	Maximum Flow Rate (depending on height/peripheral factors)	2000 ml/min.
Electrical		
	Prescribed Lithium-ion Battery (LiFe PO4) 10 Ah	12.8V DC
	External Power Supply	12V DC 3.34 A
Ambient-/Operational Conditions		
	Temperature	-10–+40°C (14–104°F)
	IP-Class	Min. IP-66 (dust and splash proof)
	Relative Air Humidity	0–100%
Certification		
	CE	CE-conform
	Machinery Directive	2006/42/EC
	EMC Directive	2014/30/EU
	RoHS Directive	2011/65/EU
	WEEE Directive	2012/19/EU

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