



Comfortable delivery pump Programmable on pump module or via control module

Calibration for exact flow rate
Flexible, thanks to replaceable single and multichannel pump heads
Meets higher environmental requirements, thanks to protection class IP65 (Spray Protection)

rotarus® flow

rotarus® flow 50i		Order No. 950 13 44	
Characteristics		Interfaces	
Flow rate range Depending on the pump head used*	0.0001 – 1500 ml/min		RS232 interfaces
Changeable pump heads	Yes		USB interface
Channels	1 – 12 (Depending on the pump head type used)		Analog input for speed specification
Range of speed	0.2 – 100 1/min		Analog output for speed
Operation	TFT touchscreen		Digital input Start/Stop; rotation direction
External control module	Yes		Selectable digital output
Program memory	20	General data	
Pump direction change	Yes	Housing	Stainless steel (1.4541)
Calibration function	Yes	Continuous mode	Yes
Speed control	Load-independent	Motor capacity	50 Watt
Speed configuration	TFT touchscreen	Motor type	Stepper motor
Speed configuration (increments) 1/min	0.1	Max. power consumption	60 VA
Operations modes		Power supply	100-240 VAC ; 50-60 Hz
	Pumps according to speed	Protection class	IP565
	Pumps according to flow rate	Standards	CE
Special functions		Depth/width/height in mm	205/100/220
	Tube leakage monitoring (> 30 1/min)	Weight	7.3 kg
	Blockage detection (> 30 1/min)		
	Pump head detection		
	Tube detection		
	Stackable		
	Usable on stand		
	System assignment		
	Soft start		
	Tube service life monitoring		
	Configurable via menu		

*Indicated flow rates are approximate values measured with water, at 0 meters suction lift and free outlet.