



Extremely comfortable and precise dispensing pump

Programmable on pump module

or via control module

Calibration for exact dispensing

Flexible, thanks to replaceable single and multichannel pump heads

Meets, higher environmental requirements, thanks to protection class IP65 (Spray Protection)

rotarus® volume

rotarus® volume 50i		Order No. 950 13 64	
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	TFT touchscreen	Motor type	Stepper motor
Speed configuration (increments) 1/min	0,1	Max. power consumption	60 VA
Operation modes		Power supply	100-240 VAC ; 50-60 Hz
	Pumps according to speed	Protection class	IP65
	Pumps according to flow rate	Standards	CE
	Dispensing according to volume	Depth/width/height in mm	205/100/220
	Dispensing according to time	Weight	7.3 kg
	Dispensing according to volume in time		
	Cycle dispensing		
	Cycle time specification		
Special functions			
	Tube leakage monitoring (> 30 1/min)		
	Blockage detection (> 30 1/min)		
	Pump head detection		
	Tube detection		
	Stackable		
	Usable on stand		
	Drop-free dispensing		
	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.