



## 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	0,0001 – 1500 ml/min		RS232 interfaces
Depending on the pump head used*			USB interface
Changeable pump heads	Yes		Analog input for speed specifi cation
Channels	1 - 12		Analog output for speed
	(Depending on the pump head type used		Digital input Start/Stop; rotation direction
Range of speed	0,2 - 100 1/min		Selectable digital output
Operation	TFT touchscreen	General data	
External control module	Yes	Housing	Stainless Steel (1.4541)
Program memory	20	Continuous mode	Yes
Pump direction change	Yes	Motor capacity	50 Watt
Calibration function	Yes	Motor type	Stepper motor
Speed control	Load-independent	Max. power consumption	60 VA
Speed configuration TFT touchscreen	TFT touchscreen	Power supply	100-240 VAC ; 50-60 Hz
Speed configuration (increments) 1/min	0,1	Protection class	IP65
Operation modes		Standards	CE
	Pumps according to speed	Depth/width/height in mm	205/100/220
	Pumps according to flow rate	Weight	7.3 kg
	Dispensing according to volume		
	Dispensing according to time		
	Dispensing according to volume in time		

Jystem assignment	
Soft start	
Tube service life monitoring	
Configurable via menu	

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

Cycle dispensing

Cycle time specification

Blockage detection
Pump head detection
Tube detection
Stackable
Usable on stand
Drop-free dispensing

Tube leakage monitoring (> 30 1/min)

(> 30 1/min)



Special functions