



## 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

# rotarus® volume

rotarus® volume 50		Order No. 950 13 62	
<b>Characteristics</b>		<b>Interfaces</b>	
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	<b>General data</b>	Selectable digital output
Program memory	20	Housing	White powder coated
Pump direction change	Yes	Continuous mode	Yes
Calibration function	Yes	Motor capacity	50 Watt
Speed control	Load-independent	Motor type	Stepper motor
Speed configuration TFT touchscreen	TFT touchscreen	Max. power consumption	60 VA
Speed configuration (increments) 1/min	0.1	Power supply	100-240 VAC ; 50-60 Hz
<b>Operation modes</b>		Protection class	IP54
	Pumps according to speed	Standards	CE
	Pumps according to flow rate	Depth/width/height in mm	205/100/220
	Dispensing according to volume	Weight	7.3 kg
	Dispensing according to time		
	Dispensing according to volume in time		
	Cycle dispensing		
	Cycle time specification		
<b>Special functions</b>			
	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		

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