



rapid and precise dispensing pump

Programmable on pump module

or via control module

Calibration for exact dispensing

Flexible, thanks to replaceable pump heads

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

rotarus® volume

rotarus® volume 100i		Order No. 950 18 74	
Characteristics		Interfaces	
Flow rate range* (in combination with piston pump heads)	0.125 – 2,304 ml/min		RS232 interface
Changeable pump heads	Yes		USB interface
Channels (Depending on the pump head used)	flexible		Analog input for speed specification
Range of speed	50 – 3,100 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	85 Watt
Speed configuration TFT touchscreen	TFT touchscreen	Motor type	DC Motor
Speed configuration (increments) 1/min	0.1	Max. power consumption	150 VA
		Power supply	100-240 VAC ; 50-60 Hz
		Protection class	IP65
		Standards	CE
<b>Operation modes</b>		Depth/width/height in mm	270/100/220
	Pumps according to speed	Weight	10.1 kg
	Pumps according to flow rate		
	Dispensing according to volume		
	Dispensing according to time		
	Dispensing according to volume in time		
	Cycle dispensing		
	Cycle time specification		
<b>Special functions</b>			
	Tube leakage monitoring**		
	Blockage detection**		
	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.

\*\*in combination with peristaltic pump heads.