atailler LABO

HIRSCHMANN®



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

rotarus® flow

rotarus® flow 50		Order No. 950 13 42	
Characteristics		**Interfaces**	
Flow rate range Depending on the pump head used*	0.0001 – 1500 ml/min		RS232 interfaces
			USB interface
Changeable pump heads	Yes		Analog input for speed specifi cation
Channels	1 – 12 (Depending on the pump head type used)		Analog output for speed
			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	White powder coated
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	Power supply	100-240 VAC ; 50-60 Hz
Speed configuration (increments) 1/min	0.1	Protection class	IP54
Operations modes		Standards	CE
	Pumps according to speed	Depth/width/height in mm	205/100/220
	Pumps according to fl ow rate	Weight	7.3 kg
Special functions			
	Tube leakage monitoring (> 30 1/min)		
	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.

HIRSCHMANN®
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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
			USB interface
Changeable pump heads	Yes		Analog input for speed specification
Channels	1 – 12 (Depending on the pump head type used)		Analog output for speed
			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	Power supply	100-240 VAC ; 50-60 Hz
Speed configuration (increments) 1/min	0.1	Protection class	IP565
Operations modes		Standards	CE
	Pumps according to speed	Depth/width/height in mm	205/100/220
	Pumps according to flow rate	Weight	7.3 kg
Special functions			
	Tube leakage monitoring (> 30 1/min)		
	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.

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