

VARIABLE FLOW PERISTALTIC PUMPS

D-25V plus model

- ◆ Speed control from 0 to 99% in 1% increments
- ◆ 100% speed repeatability
- ◆ Auxiliary speed control by external signal 0-10V/4-20 mA
- ◆ Warning pilot lights
- ◆ Output for remote control and foot pedal
- ◆ Programming of flow / time ramps 0...99% / 1...99 minutes
- ◆ Automated dosing with dosing and rest time programming independently between 1 and 99 seconds
- ◆ Adjustable Anti-Drip System
- ◆ Flow reversal
- ◆ Selection of maximum flow for charge or purge
- ◆ Rotors from 3 to 10 rollers
- ◆ Anti-humidity membrane keyboard
- ◆ Change of tubes by the user
- ◆ Main ON/OFF switch
- ◆ Variety of heads and motors with flows between 0.02 and 6,000 ml/minute
- ◆ Permanent memory
- ◆ Illuminated digital reader
- ◆ Anti-Drip System, adjustable



1.9747.11 (153-3r), 110rpm
1.9747.00 (153-3r), 330rpm
1.9747.50 (153-3r), 500 rpm, brushless



1.9749.00 (253-3r), 330rpm
1.9749.50 (253-3r), 500 rpm, brushless



1.9735.12 (50-3r, metal rotor 30 rpm)
1.9735.15 (50-3r, metal rotor 80 rpm)
1.9735.00 (50-3r, metal rotor 240 rpm)



1.9747.08 (With MC4 head)
1.9747.09 (With MC2 head)



1.9731.15 (CFV-4r 15rpm)
1.9731.30 (CFV-4r 30rpm)
1.9731.80 (CFV-4r 80rpm)
1.9731.24 (CFV-4r 240rpm)



1.9731.33 (CFV-4r 330rpm)
1.9731.11 (CFV-4r 110rpm)



1.9747.40(CF-4r 330 rpm)

HEADS - Description

50-3r head, metal rotor with three rollers, for medium flow rates and low.

153-3r head, rotor with 3 metal rollers. Extremely comfortable tube removal. It admits another complementary head.

CF-4r head, rotor with 4 rollers. Extremely comfortable tube removal. It admits another complementary head.

CFV-4r head, extremely comfortable tube removal. Rotor with 4 rollers. With a 330rpm motor, it supports up to 4 complementary heads.

253-3r head, rotor with 3 metal rollers, long-lasting continuous use. Comfortable extraction tube by release lever. It admits another complementary head.

MC2 - 10r head, complementary 2 channels with 10 drive rollers for pumps 1.9747.08 and 1.9747.09. Maxim 12 channels

MC4 - 10r head, complementary 4 channels with 10 drive rollers for pumps 1.9747.08 and 1.9747.09. Maxim 12 channels



All pumps are supplied with a set of tubes suitable for your head.

Dimensions: width x depth x height:

Pump with head 50-3r and CFV-4r (up to 240rpm): 250 x 260 x 120mm. Weight: 4.2Kg

Pump with head 153-3r, 253-3r, MC, CF-4r and CFV-4r, 330rpm: 340 x 280 x 180mm. Weight: 7Kg. Stainless steel cabinets.

Operation: 100...240V 50/60Hz.

Table – Regulation intervals for each pipe diameter

Regulation intervals for each pipe diameter																
Code	rpm	head.	0.5mm	0.8mm	1.6mm	3.2mm	4.0mm	4.8mm	6.4mm	8.0mm	9.6mm	tube Ø				
1.9731.15	15	CFV-4r	0.02-0.30	0.05-0.80	0.2-3.0	0.8-12	1.25-18	1.5-25	No			Flow ml/min				
1.9731.30	30	CFV-4r	0.03-0.5	0.07-1.20	0.3-4.6	1.2-18	1.8-29	2.2-30								
1.9731.80	80	CFV-4r	0.08-1.2	0.20-3.00	0.8-12	3.0-48	4.5-78	5.0-85								
1.9731.24	240	CFV-4r	0.25-3.0	0.80-8.0	3.0-30	11-122	18-192	25-250								
1.9731.33	330	CFV-4r	0.5-5.0	0.8-12	3.3-50	13-205	20-320	25-330								
1.9731.11	110	CFV-4r	0.17-1.7	0.27-4	1.1-17	4.3-68	6.7-100	8.4-110								
1.9735.00	240	50-3r	0.60-5.2	1.5-16	5.6-65	25-225	35-283	70-400	130-700	No			Flow ml/min			
1.9735.15	80	50-3r	0.15-2.2	0.40-5.6	1,3-24	3.8-73	5.9-114	8.9-145	16-258							
1.9735.12	30	50-3r	0.05-0.8	0.13-2.0	0.6-7.5	1.5-23	2.1-35	3.2-45	5.7-81							
1.9747.50●	500	153-3r	0.7-12	2-29	12-120	29-470	*	80-1000	115-1500	250-2000	No			Flow ml/min		
1.9747.00	330	153-3r	0.5-8.5	1.5-20	8.0-85	20-330	*	56-700	80-1050	175-1300						
1.9747.11	110	153-3r	0.17-2.8	0.5-6.7	2.7-28	6.7-100	*	19-230	27-367	58-500						
1.9747.40	330	CF-4r	0,5-8,5	1,5-20	8,0-85	20-330	*	56-700	80-1050	No					Flow ml/min	
1.9749.50●	500	253-3r	No						220-2700	320-4700	450-6000					
1.9749.00	330	253-3r	No						150-1850	200-2970	250-3300					
1.9747.09	110	MC2	1													
1.9747.08	110	MC4														

• Brushless motor; * Flows not determined (1) Flows for MC type heads, see the following table.

Table of indicative flow rates per channel-MC Pump head.

Tube inner diameter mm	1.0	2.0	3.0	4.0
Minimum flow: ml/ min	0.8	2.5	4.0	5.0
Maximum continuous flow ml/min	8	25	40	50

Flows calculated with water under normal conditions without outlet back pressure.

D25Vplus Pump Codes

Code	Motor rpm	Head	Article
1.9731.15	15	CFV-4r	Peristaltic pump, complete
1.9731.30	30		Peristaltic pump, complete
1.9731.80	80		Peristaltic pump, complete
1.9731.24	240		Peristaltic pump, complete
1.9731.33	330		Peristaltic pump, complete
1.9731.11	110		Peristaltic pump, complete
1.9735.12	30	50-3r	Peristaltic pump, complete
1.9735.15	80		Peristaltic pump, complete
1.9735.00	240		Peristaltic pump, complete
1.9747.50	500 •	153-3r	Peristaltic pump, complete, brushless motor
1.9747.00	330		Peristaltic pump, complete
1.9747.11	110		Peristaltic pump, complete
1.9749.50	500 •	253-3r	Peristaltic pump, complete, brushless motor
1.9749.00	330		Peristaltic pump, complete
1.9747.40	330	CF-4r	Peristaltic pump, complete
1.9747.09	110	MC2-10r	Peristaltic pump, complete, 2 channel with 10 rollers
1.9747.08	110	MC4-10r	Peristaltic pump, complete, 4 channel with 10 rollers
1.0078.41		MC2-10r	Complementary head 2 channels of 10 rollers*
1.0078.42		MC4-10r	Complementary head 4 channels of 10 rollers*
1.0078.34		CFV-4r	Pump head
1.0078.46		CFV-4r	Pump head, middle
1.0078.43		153-3r	Pump head for 1.1.9747.00 / 11 / 50
1.0078.60		153-3r	Pump head, middle for 1.9747.00 / 11 / 50
1.0078.01		CF-4r	Pump head for pump 1.9747.40
1.0078.65		CF-4r	Pump head, middle, for pump 1.9747.40
1.0078.40		253-3r	Pump head for pumps 1.9749.00 and 1.9749.50
1.0078.61		253-3r	Pump head, middle, for pumps 1.9749.00 and 1.9749.50

*For Pumps 1.9747.09 and 1.9747.08, maximum up to 12 channels. • Brushless motor. (1) maximum 4 heads.

Complements for MC heads

Code ▼	Article
1.8901.00	Silicone tube 1.0mm inner Ø double position for MC, 6 units
1.8903.00	Silicone tube 3.0mm inner Ø double position for MC, 6 units
1.8760.101	Silicone tube 1.0mm inner Ø with 2 end connectors for MC, 10 units
1.8760.201	Silicone tube 2.0mm inner Ø with 2 end connectors for MC, 10 units
1.8760.301	Silicone tube 3.0mm inner Ø with 2 end connectors for MC, 10 units
1.8760.401	Silicone tube 4.0mm inner Ø with 2 end connectors for MC, 10 units
1.8760.100	Silicone tube 1.0mm internal Ø, external use MC, 1 meter
1.8760.200	Silicone tube 2.0mm internal Ø, external use MC, 1 meter
1.8760.300	Silicone tube 3.0mm internal Ø, external use MC, 1 meter
1.8760.400	Silicone tube 4.0mm internal Ø, external use MC, 1 meter
1.8710.101	Farmed tube 1.0mm inner Ø with 2 end connectors for MC, 10 units
1.8710.201	Farmed tube 2.0mm inner Ø with 2 end connectors for MC, 10 units
1.8710.301	Farmed tube 3.0mm inner Ø with 2 end connectors for MC, 10 units
1.8710.100	Farmed tube 1.0mm internal Ø, external use MC, 1 meter
1.8710.200	Farmed tube 2.0mm internal Ø, external use MC, 1 meter
1.8710.300	Farmed tube 3.0mm internal Ø, external use MC, 1 meter
1.8789.008	Viton ® tube 0.8mm internal Ø, with 2 end connectors for MC, 10 units
1.8789.016	Viton ® tube 1.6mm internal Ø, with 2 end connectors for MC, 10 units
1.8789.08	Viton ® tube 0.8mm internal Ø, external use MC, 1 meter
1.8789.16	Viton ® tube 1.6mm internal Ø, external use MC, 1 meter
1.0078.58	Cartridge for MC, without tubes
1.9740.02	Foot switch (pedal)

Distributor: