

PERISTALTIC DISPENSING PUMPS - VARIABLE FLOW Model D25VT



Model D25VT. Code 1.9745.00
With pump head 153-3r



Model D25VT. Codes 1.9745.51 and 1.9770.00
With pump head 253-3r



Model D25VT. Code 1.9736.80
With pump head CFV-4r

- ◆ Pumps Integrated by a peristaltic pump, cyclic timer, speed control, push button maximum flow for purge, flow reverser, remote control output and main switch.
- ◆ Speed control from 0 to 99% with 100% repeatability
- ◆ They accept various tube sizes, giving different regulation intervals.
- ◆ It is possible to obtain any volume in each timer cycle.
- ◆ The cycle timer can separately program pump and stop times from 0.02 seconds to 99.90 hours.
- ◆ In repetitive dosages the dosage time is programmed, and the timer can be selected restart the following dosages or use the pedal to start each dosage.
- ◆ There are several models with different motors and heads.

Table of codes for D25VT peristaltic pumps

Code ▼	Head	rpm	Flow rate ml/min	Articles
1.9737.05	CFG1	300	5.0-565	Peristaltic pump, 1 channel, complete
1.9737.06	CFG2	300	0.5-175	Peristaltic Pump, 2 channels, complete
1.9732.26	CFV-4r	30	0.2-30	Complete Peristaltic Pump
		80	0.5-80	
		240	2.0-220	
1.9736.80	CFV-4r	350	0.5-330	Complete Peristaltic Pump
1.9737.40	CF-4r	350	2.0-1100	Complete Peristaltic Pump
1.9745.00	153-3r	350	9-1400	Complete Peristaltic Pump
1.9745.51	253-3r	350	120-3500	Complete Peristaltic Pump
1.9770.00	253-3r	500	150-4700	Complete peristaltic pump, brushless motor
1.9745.08	MC4-10r	110	0.6-60(1)	Multichannel Peristaltic Pump, 4 heads
1.9745.10	MC2-10r	110	0.6-60(1)	Multichannel Peristaltic Pump, 2 heads
1.0078.41	MC2-10r			MC2-10r head, 2-channel complementary *
1.0078.42	MC4-10r			MC4-10r head, 4-channel complementary *
1.0078.43	153-3r			Head 153-3r, complementary
1.0078.40	253-3r			Head 253-3r, complementary
1.9740.02				Foot switch (pedal).

* For MC2 and MC4 pumps, up to a maximum of 12 channels. (1) Flow rates per channel.
Brushless motor, supplied with separate control unit when used for packaging flammable products.
Each MC multi-channel pump includes 10 connections with tubes of any diameter to choose, each with 2 end connectors.

HEADS

The 1.9745.00 pumps are fitted with the 153-3r three-roller "Easy Load" head, and the 1.9745.51 and 1.9770.00 pumps are fitted with the 253-3r three-roller head. Both are highly suitable for frequent tube changes. They can accommodate an additional head on the same motor shaft.

The CFV-4r pump head, 1.9732.26, 1.9736.80, and the 153-3r and 253-3r pump heads, facilitate quick and convenient tube changes. The CFV-4r with 4 rollers reduces the flow pulses, providing greater repeatability when dosing small volumes. Code 1.9736.80 allows for another 3 intermediate heads.

153-3r head for medium flow rates. System for rapid tube loading and retention.
Three stainless steel rollers. For tubes with an internal diameter of 0.8 to 8.00 mm.

253-3r high-flow head. Rapid tube loading and retention system. Three stainless steel rollers.
It handles 2.4 mm wall tubing. Pump code 1.9770.00 is fitted with a brushless motor.

4-roller CF head for medium flow rates. System for rapid tube loading and retention.

MC heads with 10 drive rollers that eliminate pumping pulse.
Tubes can be changed while still in operation without affecting the remaining channels.
They can mount up to 12 channels of 10 rollers each.



Head 153-3r



CF-4r head



1 Channel



2 Channels

CFG1-3r and CFG2-3r heads



253-3r head



CFV-4r head



MC head

Pump dimensions:

With CF-4r, CFV-4r heads: 270 x 260 x 140 mm (width x depth x height). Weight: 6 kg.
With 153-3r, 253-3r, CFV.4r 350 rpm and MC head: 340 x 280 x 180mm. Weight: 7 kg.

All operate between 100 and 240 V. 50/60 Hz. Amp . 0.5 /1 (115 V on demand)

FLOW TABLE – D25VT Pumps

Code ▼	Head	rpm	0.5	0.8	1.6	2.4	3.2	4.0	4.8	6.4	8.0	9.6	Tube ◀ Ø mm	
1.9737.05	CFG1	300	No		5.0-45	8-85	15-175	-	35-370	50-565		No	Flow ml/min ◀	
1.9737.06	CFG2	300	0.5-5	1.0-10	5.0-45	8-85	15-175	No						
1.9732.26	CFV-4r	30	No	0.2-2	0.6-6	1.5-15	2-20	-	3-30	No				
		80		0.5-5	2.0-15	4.0-32	5.0-50	-	8-80					
		240		2.0-15	5.0-50	10-100	15-150	-	22-220					
1.9736.80	CFV-4r	350	1.0-6.0	2.0-20	6-60	14-140	20-200	-	30-300					
1.9745.00	153-3r	350	No	2.0-20	9.0-90	15-150	30-300	-	60-650	100-1000	140-1400			
1.9737.40	CF-4r	350	0.5-5	0.7-7	3.0-30	5.0-50	10-100	-	20-200	30-300	No			
1.9745.51	253-3r*	350	No							120-2000	180-3000	250-3500		
1.9770.00 ●	253-3r*	500								250-2700	350-3700	300-4700		
1.9745.08	MC4- 10r	110	1											
1.9745.10	MC2- 10r	110												

The flow rates indicated are indicative and refer to water under normal conditions. Various factors can alter the flow rates such as tube diameter tolerance, viscosity of the pumped product, and the distance and height traveled of the pumped product.

– Flow rate not determined. • Brushless motor

- (1) Indicative flow rates per channel - MC type head. Maximum speed 110 rpm:
 Minimum 0.6 ml/min with 1.0 mm inner diameter tube
 Maximum 60 ml/min with 4.0 mm inner diameter tube

Complements for MC pump heads.

Code ▼	Article
1.8760.101	Silicone tube 1.0 mm ID with 2 end connectors for MC, 10 units
1.8760.201	Silicone tube 2.0 mm ID with 2 end connectors for MC, 10 units
1.8760.301	Silicone tube 3.0 mm ID with 2 end connectors for MC, 10 units
1.8760.401	Silicone tube 4.0 mm ID with 2 end connectors for MC, 10 units
1.8760.100	Silicone tube 1.0 mm ID, for MC, 1 meter
1.8760.200	Silicone tube 2.0 mm ID, for MC, 1 meter
1.8760.300	Silicone tube 3.0 mm ID, for MC, 1 meter
1.8760.400	Silicone tube 4.0 mm ID, for MC, 1 meter
1.8710.101	Farmed tube 1.0 mm ID with 2 end connectors for MC, 10 units
1.8710.201	Farmed tube 2.0 mm ID with 2 end connectors for MC, 10 units
1.8710.301	Farmed tube 3.0 mm ID with 2 end connectors for MC, 10 units
1.8710.100	Farmed tube 1.0 mm ID, for MC, 1 meter
1.8710.200	Farmed tube 2.0 mm ID, for MC, 1 meter
1.8710.300	Farmed tube 3.0 mm ID, for MC, 1 meter
1.8789.008	Viton ® tube 0.8 mm ID, with 2 end connectors for MC, 10 units
1.8789.016	Viton ® tube 1.6 mm ID, with 2 end connectors for MC, 10 units
1.8789.08	Viton ® tube 0.8 mm ID, for MC, 1 meter
1.8789.16	Viton ® tube 1.6 mm ID, for MC, 1 meter
1.9740.02	Foot switch, to indicate serial number pump

Distributor :