

PERISTALTIC DISPENSING PUMPS - VARIABLE FLOW. Model D-25VT



Model D-25VT. Codes 1.9745.00, 1.9745.11 and 1.9745.50 with pump head 153-3r



Model D-25VT. Codes 1.9745.51 and 1.9770.00 with head 253-3r

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

Table of codes Peristaltic Pumps D-25VT

Code	Head	rpm	Flow ml/min	Articles
1.9732.25	CFV-4r	15	0.02-25	Peristaltic pump, complete
1.9732.26	CFV-4r	80	0.8-85	Peristaltic pump, complete
1.9732.05	CFV-4r	30	0.03-30	Peristaltic pump, complete
1.9736.80	CFV-4r	330	0.5-330	Peristaltic pump, complete
1.9736.00	CFV-4r	240	0.25-250	Peristaltic pump, complete
1.9745.11	153-3r	110	0.17-500	Peristaltic pump, complete
1.9745.00	153-3r	330	0.5-1300	Peristaltic pump, complete
1.9745.50	153-3r	500 ●	0.7-2000	Peristaltic pump, complete
1.9745.51	253-3r	330	100-3300	Peristaltic pump, complete
1.9770.00	253-3r	500 ●	220-6000	Peristaltic pump, complete
1.9745.08	MC4-10r	110	0.8-50(1)	Multichannel Peristaltic Pump, 4 heads
1.9745.10	MC2-10r	110	0.8-50(1)	Multichannel Peristaltic Pump, 2 heads
1.0078.41	MC2-10r			MC2-10r pump head, 2-channel complementary *
1.0078.42	MC4-10r			MC4-10r pump head, 4-channel complementary *
1.0078.43	153-3r			Pumps head 153-3r, complementary
1.0078.40	253-3r			Pump head 253-3r, complementary
1.9740.02				Foot switch (pedal).

* For MC2 and MC4 Pumps, up to a maximum of 12 channels. (1) Flow for every channel. ● Brushless motor.

HEADS

Pumps 1.9745.00, 1.9745.11 and 1.9745.50 mount the "Easy Load" 153-3r three-roller head and pumps 1.9745.51 and 1.9770.00 the 253-3r three-roller head. Both very suitable when you must change the tube frequently. They all admit another supplementary head on the same motor axis.

The CFV-4r head of Pumps 1.9732.25, 1.9732.26, 1.9732.05, 1.9736.80 and 1.9736.00, as well as the 153-3r and 253-3r head, facilitate quick and easy tube change, only with 4 rollers, the pulse of the flow decreases, providing greater repeatability in the dosage of small volumes.

153-3r head for medium flow rates. Quick tube loading and retention system. Three stainless steel rollers. For tubes from 0.5 to 8.00mm inside diameter. Brushless motor version.

253-3r head for high flow rates. Quick tube loading and retention system. Three stainless steel rollers. Loads 2.4mm wall tubes. The pump code 1.9770.00 mounts a brushless motor.

MC heads with 10 drive rolls eliminate pumping pulse.

Tubes can still be changed while they are running without affecting the other channels.

MC head pumps can mount up to 12 channels of 10 rollers each.

Pump dimensions:

With 50-3r, CFV-4r heads: 320 x 260 x 140 mm (width x depth x height). Weight: 6Kg.
With head 153-3r, 253-3r, CFV.4r of 330 rpm and MC: 340 x 280 x 180mm. Weight: 7kg.

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



Head 153-3r



Pump Head 253-3r



Pump head CFV-4r



MC pump head

FLOW TABLE – D25VT Pumps

Code	Head	rpm	0.5mm	0.8mm	1.6mm	3.2mm	4.0mm	4.8mm	6.4mm	8.0mm	9.6mm	Tube ∅		
1.9732.25	CFV-4r	15	0.02-0.3	0.05-0.80	0.2-3	0.8-12	1.25-18	1.5-25	No			Flow ml/ min		
1.9732.05	CFV-4r	30	0.03-0.5	0.07-1.20	0.3-4.6	1.2-18	1.8-29	2.2-30						
1.9732.26	CFV-4r	80	0.08-1.2	0.2-3.0	0.8-12	3.0-48	4.5-78	5.0-85						
1.9736.00	CFV-4r	240	0.25-3.0	0.80-8.0	3.0-30	11-122	18-192	25-250						
1.9736.80	CFV-4r	330	0.50-5.0	0.80-12.0	3.3-50	13-205	20-320	25-330	No					
1.9745.11	153-3r	110	0.17-2.8	0.5-6.7	2.7-28	6.7-97	-	19-230					27-367	58-500
1.9745.00	153-3r	330	0.5-8.5	1.5-20	8.0-85	20-290	-	56-690	80-1100	175-1300	No			
1.9745.50 ●	153-3r	500	0.7-12	2-29	12-120	29-470	-	80-1000	115-1500	250-2000				
1.9745.51	253-3r*	330	No						100-1850	200-2970	250-3300		No	
1.9770.00 ●	253-3r*	500	No						220-2700	320-4700	450-6000			
1.9745.08	MC4-10r	110	See flow rates, rpm and tube diameter in the MC table											
1.9745.10	MC2-10r	110	See flow rates, rpm and tube diameter in the MC table											

The indicated flows are indicative and refer to water under normal conditions. * For 2.4mm wall tube. – Undetermined flow
● Brushless motor

Table of indicative flow per channel, MC pump head type.

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	8.0	25	40	50

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

Complements for MC pump head.

Code ▼	Article
1.8901.00	Silicone tube 1.0mm internal ∅ double position for MC, 6 units
1.8903.00	Silicone tube 3.0mm internal ∅ double position for MC, 6 units
1.8760.101	Silicone tube 1.0mm internal ∅ with 2 end connectors for MC, 10 units
1.8760.201	Silicone tube 2.0mm internal ∅ with 2 end connectors for MC, 10 units
1.8760.301	Silicone tube 3.0mm internal ∅ with 2 end connectors for MC, 10 units
1.8760.401	Silicone tube 4.0mm internal ∅ with 2 end connectors for MC, 10 units
1.8760.100	Silicone tube 1.0mm internal ∅, external use MC, 1 meter
1.8760.200	Silicone tube 2.0mm internal ∅, external use MC, 1 meter
1.8760.300	Silicone tube 3.0mm internal ∅, external use MC, 1 meter
1.8760.400	Silicone tube 4.0mm internal ∅, external use MC, 1 meter
1.8710.101	Farmed tube 1.0mm internal ∅ with 2 end connectors for MC, 10 units
1.8710.201	Farmed tube 2.0mm internal ∅ with 2 end connectors for MC, 10 units
1.8710.301	Farmed tube 3.0mm internal ∅ with 2 end connectors for MC, 10 units
1.8710.100	Farmed tube 1.0mm internal ∅, external use MC, 1 meter
1.8710.200	Farmed tube 2.0mm internal ∅, external use MC, 1 meter
1.8710.300	Farmed tube 3.0mm internal ∅, external use MC, 1 meter

Distributor: