

HIGH PRECISION DOSSER PERISTALTIC PUMPS SMART TOUCH SCREEN MODEL D-28



DOSSER D-28 RANGE

The D-28 DOSSER peristaltic pump series is designed for the transfer of exact quantities and repetitive dispensing with great accuracy under aseptic conditions.

Equipped with a microprocessor, they provide an intuitive menu assisted by a full-color touch screen that allows the calculation of parameters, speed of selection, execution of the options offered automatically by the pump when choosing the desired flow rate in ml/min, calibrations and memory for programming carried out.

Parameters such as flow rate, type of rubber, diameter of the rubber, pumping duration, volume in automatic dosages and number of them with times involved, can be set, and memorized for later use.

You can also select the working language.

Flow rates are obtained from 0.002 ml/minute to 1750 ml/minute with single-channel or multi-channel heads and versions with low or negligible pulse pumping.

Many tubes or hoses of different sizes are available made of materials resistant to various conflicting substances.

Other specifications

- ◆ Flow control by external signal. Switch/pedal. Ports 0-10mV, 4-20mA, Ethernet
- ◆ Variety of heads

Five pumps available with different heads that provide the characteristics of the head and the revolutions of the installed stepper motor.

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HEADS

CF-4r head with 4 rollers, extremely comfortable tube extraction. 1.6mm wall tubes from 0.5 to 6.4 mm inner diameter.

CFV-4r head with 4 rollers, extremely comfortable tube extraction. Supports 3 additional overlapping heads. For 1.6mm wall tubes from 0.5 to 4.8mm inner diameter.

153-3r head, with 3 rollers, long-lasting continuous use. Easy tube loading. Wall tubes 1.6 mm and 0.5 to 8.0 mm inner Ø. Accepts 1 additional head.

MC2 head with 2 channels and 10 drive rollers. Supports up to a total of 12 overlapping channels.

MC4 head with 4 channels and 10 drive rollers. Supports up to a total of 12 overlapping channels.

The pumps include a set of tubes suitable for their head.

Detail of the heads of the D-28 range:



CF-4r



CFV-4r



153-3r



MC

Dimensions: width x depth x height

260 x 340 x 270mm. Weight: 8Kg. Operation: 100... 240V 50/60Hz.

Indicative table of flow rates

Code ▼	rpm ▼	Head ▼	0.5	0.8	1.6	3.2	4.0	4.8	6.4	8.0	◀ Tube Ø mm
1.9760.00	400	CF-4r	0.003	*	*	*	*	*	1200	No	
1.9761.00		CFV-4r	0.002	*	*	*	*	400	No	No	
1.9762.00		153-3r	0.003	*	*	*	*	*	*	1750	
1.9764.00	150	MC2									
1.9765.00		MC4									

Minimum speed: 0.1 rpm. Flow rates obtained with water under normal conditions. *Values to be indicated by the pump.

Table of indicative flow rates per channel-MC type pump head Maximum speed 150rpm

Inner tube diameter mm ▶	1.0	2.0	3.0	4.0
Minimum flow ml/min ▶	0.010	0.026	0.045	0.066
Maximum continuous flow rate ml/min ▶	10	30	50	70

From 0.1 to 150rpm (with tube from 1.0 to 4.0mm ID)
Flow rates calculated with water under normal conditions without outlet backpressure.

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Dosser D-28 Pump Codes and Accessories

Code	Engine rpm	Head	Article
1.9760.00	400	CF-4r	Peristaltic pump with head
1.9761.00	400	CFV-4r	Peristaltic pump with head
1.9762.00	400	153-3r	Peristaltic pump with head
1.9764.00	150	MC2-10r	Peristaltic pump with 2-channel head
1.9765.00	150	MC4-10r	Peristaltic pump with 4-channel head
1.0078.34		CFV-4r	main head
1.0078.47		CFV-4r	Auxiliary intermediate head
1.0078.41		MC2-10r	MC2-10r main-intermediate head
1.0078.42		MC4-10r	MC4-10r main-intermediate head
1.9740.02			Foot switch (pedal).

Distributor: