

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



### DOSSER D-28 RANGE

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

Equipped with an internal computer host, 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 the programming carried out.



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

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

You can select the working language.

Many tubes are availables.  
Different sizes made with materials resistant to various conflicting substances.



### Other specifications

- ◆ Flow control by external signal. Switch/pedal. Ports 0-10mV, 4-20mA, Ethernet
- ◆ Adjustable anti-drip system
- ◆ 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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### PUM HEADS

CF-4r head with 4 rollers, extremely comfortable tube extraction.  
For 1.6mm wall tubes, from 0.5 to 6.4mm 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. 1.6mm wall tubes and 0.5 to 8.0mm 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.

### Dimensions: width x depth x height

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

### Indicative table of flow rates

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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	Flow ml/min.
1.9761.00		CFV-4r	0.002	*	*	*	*	400	No		
1.9762.00		153-3r	0.003	*	*	*	*	*	*		
1.9764.00	150	MC2									
1.9765.00		MC4									

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

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**Table of indicative flow rates per channel-MC type 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 1.0 to 4.0mm inner Ø tube)  
 Flow rates calculated with water under normal conditions without outlet backpressure.

### 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: