

501FDC/RL fixed speed DC pump



The 501FDC/RL OEM pump is made up of a single channel 501RL pumphead, a powerful 12V direct current motor, the new Watson-Marlow gearbox, and an aluminum faceplate. When fitted with 8.0 mm x 1.6 mm tubing, these pumps provide flow rates of up to 2200 ml/min.

The 501FDC/RL provides the highest torque output, pump speeds and flow rates of all Watson-Marlow OEM pumps.

The pump is also available without the lock on the guard and is known as the 501FDC/R.

Ordering information

12V DC	
220rpm	050.1931.L00

Specifications

Motor type	12V direct current
Motor torque output	14kg cm
Power consumption	35VA
Weight	3kg
Brush life	2500 hours

Flow rates (ml/min)

rpm	1.6mm (1/16") wall tubing						
	0.5mm 1/5"	0.8mm 1/32"	1.6mm 1/16"	3.2mm 1/32"	4.8mm 3/16"	6.4mm 1/16"	8.0mm 5/16"
220	8.80	26.4	94.6	403	891	1400	2200

For tube selections, see Tables A and B on page 48.

