

minipuls® **3**

The compact MINIPULS® 3 Peristaltic Pump is a high-performance, low-pulse, peristaltic pump with interchangeable pump heads for delivering a diverse variety of liquids—from biological to chemical—without altering the critical components within the liquid. Six different channel and flow rate configurations are available.

PULSE-FREE LIQUID TRANSFER

Utilizing positive displacement pump technology, liquid flows nearly pulse-free as a result of ten stainless steel rollers. MINIPULS 3 produces smooth flows with excellent accuracy and precision, even at high flow rates.

FLOW RATES TO MEET YOUR NEEDS

With a choice of six quickly interchangeable pump heads, you'll have a wide range of flow rates to use for your applications.

Four standard models (1, 2, 4, or 8 channels): 0.3 µL/min to 30 mL/min

Two high flow models (2 or 4 channels): 1 mL/min to 220 mL/min

EASY TO OPERATE

MINIPULS 3 is easy to install, simple to operate, and easy to maintain. With an uncomplicated keypad control and easy-to-read LCD screen, start/stop, flow direction, increase/decrease flow rate, and prime functions are easily accessible. Remote start/stop is also possible.

SELECT THE RIGHT TUBING

Most suitable material according to your sample's chemical compatibility.

Large variety of internal diameters to reach desired flow rates.

Appropriate connectors and extension tubing.

Request a quote today at www.gilson.com or from your local Gilson representative.



MINIPULS TUBING

Tubing for MF1 and MF4 Pump Heads Length = Approximately 40 cm (16 in.)						
Material	Internal Diameter (mm)	Reference Tubing (Calibrated Tubing)	Color Coded Stops	Extension Tubing 3 m (118 in.)	Connectors	Maximum Flow Rate (mL/min)
PVC	0.25	F117932	Orange	F117952	F117985	0.574
	0.38	F117933	Orange	F117953	F117986	1.22
	0.51	F117934	Orange	F117954	F117986	1.90
	0.76	F117936	Black	F117956	F117987	3.00
	1.02	F117938	White	F117958	F117994	6.0
	1.30	F117940	Grey	F117960	F117994	9.0
	1.52	F117942	Yellow	F117962	F117994	14
	1.65	F117943	Blue	F117963	F117994	16
	2.06	F117945	Purple	F117965	F117994	25
	2.29	F117946	Purple	F117966	F117994	29
Iso-Versinic® or Viton®	2.79	F117948	Purple	F117968	F117995	39
	3.18	F117949	Black	F117969	F117995	47
	0.5	F1817741	Black	F117740	F117986	2.9
	1.0	F1817743	Black	F117742	F117994	10
	2.0	F1817745	Black	F117744	F117994	24
Silicone	3.0	F117747	Black	F117746	F117995	55
	4	F117749	Black	F117748	-	70
	0.64	F1825111	Orange	F1825131	F117987	3.2
	1.02	F1825112	White	F1825132	F117994	7
Santoprene™ or PharMed®	2.06	F1825113	Purple	F1825133	F117995	21
	2.79	F1825114	Purple	F117975	F117995	31
	0.51	F1825101	Orange	F1825121	F117986	2.5
	1.02	F1825102	White	F1825122	F117994	7
	2.06	F1825103	Purple	F1825123	F117994	24

MINIPULS 3			
Description	Part Number	Maximum Flow Rate	Number of Channels
Pump Module MINIPULS 3	F155001	-	-
R1 Pump Head	F117604	up to 30 mL/min	1
R2 Pump Head	F117800	up to 30 mL/min	2
R4 Pump Head	F117606	up to 30 mL/min	4
R8 Pump Head	F117608	up to 30 mL/min	8
R2/HF Pump Head (High Flow)	F117830	up to 220 mL/min	2
R4/HF Pump Head (High Flow)	F117831	up to 220 mL/min	4

Tubing for HF2 Pump Head Length = 3 m (118 in.)			
Material	Internal Diameter (mm)	Reference Tubing (Calibrated Tubing)	Maximum Flow Rate (mL/min)
PVC	2.06	F117965	33
	2.29	F117966	41
	2.79	F117968	66
	3.16	F117969	85
	4.0	F117970	128
	5.0	F117980	179
	6.0	F117981	218
Iso-Versinic® or Viton®	8.0	F117982	340
	2.0	F117744	30
	3.0	F117746	67
	4.0	F117748	120
Silicone	6.0	F117750	246
	2.0	F1825133	31
	3.0	F117975	57
	4.0	F117976	105
	5.0	F117977	148
Santoprene™ or PharMed®	6.0	F117978	207
	7.0	F117979	300
	2.0	F1825123	31
	3.2	F1825124	77
	6.4	F1825125	240

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PUMPS

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