

## Gilson Minipuls 3 peristaltic pump



- For the smooth transfer of liquids
- The liquid is pushed into the tubing by ten drive rollers which produce a pulsation-free liquid advance
- Adjustable speed
- The Minipuls is delivered without a distributor head
- Robust construction
- Easy to clean
- Easily interchangeable tubing: simply open the cams and each tubing can be changed independently
- Choice of 6 heads:
  - 1, 2, 4 or 8 channels in standard speed;
  - 2 or 4 channels in high speed
- Wide range of tubing:
  - Standard version: 0.3 ml/min to 30 ml/min (max pressure 0.5 MPa);
  - high flow version: 1 ml/min to 220 ml/min (max pressure 0.3 MPa)



Find the tubing and connectors for Gilson pumps on [www.dulis.nl](http://www.dulis.nl)

Cat. No.	Description	€
066141	Minipuls MP3	N/A -
066142	Head R1 Minipuls MP3	N/A -
066143	Head R4 Minipuls MP3	N/A -
066144	Head R8 Minipuls MP3	N/A -
066145	Head R2 Minipuls MP3	N/A -
066146	Head R2HF Minipuls MP3 High Flow	N/A -
066147	Head R4HF Minipuls MP3 High Flow	N/A -

## LabM1 peristaltic pumps

- Quick start button
- Automatic control via communication interface
- LED display showing the speed of rotation
- ABS case
- Available in 1, 2 or 4 channel versions



	1	2	4
Number of channels	1	2	4
Flow rate (ml / min)	0.0035-570		
Adjustable speed range (rpm)*	0.1 - 150		
Speed increment (rpm)	0.1		
Communication interface	RS232/RS485, MODBUS protocol (RTU mode)		
Ambient temperature accepted (°C)	0 - 40		
Accepted relative humidity	< 80 %		
Power consumption (Watts)	< 50		
Power supply	200-240V, 50/60 Hz		
Dimensions without head (cm) (L x D x H)	15.73 x 26.14 x 23.07		
Weight (kg)	4.4		
Cat. No.	129300	129301	129302
€	N/A -	N/A -	N/A -

\* For best accuracy, it is recommended to use a range of 0.5 to 150 rpm

### Silicone tubing

- Platinum-treated silicone tubing
- Can be used from -51 to 238 °C
- Low protein Retention

Cat. No.	Model	Inn. Ø (mm)	Thickness (mm)	out. Ø (mm)	Flow rate (ml/min)*	Long. (m)	€
129303	# 13	0.8	1.6	4	0.035 - 10.5	15	N/A -
129304	# 14	1.6	1.6	4.8	0.135 - 40.5	15	N/A -
129305	# 19	2.4	1.6	5.6	0.275 - 82.5	15	N/A -
129306	# 16	3.1	1.6	6.3	0.41 - 123	15	N/A -
129307	# 25	4.8	1.6	8	0.85 - 255	15	N/A -
129308	# 17	6.4	1.6	9.6	1.45 - 435	15	N/A -
129309	# 18	7.9	1.6	11.1	1.9 - 570	15	N/A -

\* For a speed between 0.5 and 150 rpm.