

Peristaltic Pumps, behrotest®, Behr



① Peristaltic pumps PLP 33 / 66 / 330 / 1000, with pump head

Compact peristaltic pumps with infinitely variable flow rate. Pump rotor with two squeezing rollers and four guide rollers. Simple tube change without tools or other aids. 230 V~, 50 Hz AC motors.

Type	Flow rate ml/min	Order No.
PLP 33	7 – 33	58 48 70102
PLP 66	17 – 66	58 48 70104
PLP 330	66 – 400	58 48 70120
PLP 1000	250 – 1000	58 48 70160

② Peristaltic pump drive PLP 380

Easy to use peristaltic pump drive. Delivery rate 0.00025 - 380 ml/min.

- Different pump heads available
- Special key for fast priming and draining
- Manual or automatic speed control, optionally with external controller
- Automatic saving of current settings
- User-friendly membrane keyboard
- Favorable price/performance ratio

Technical data:

Speed:	0,1 – 100 rpm, direction of rotation is reversible
Accuracy:	0.1 rpm
Operation:	via membrane keyboard
Display:	three-digit LED-display for indication of rpm
Interface:	RS485
Voltage:	90 – 260 VAC, 50/60 Hz
Consumption:	< 30 W
Ambient temperature:	0 – 40°C
Humidity:	< 80%
Dimensions in mm (L×W×H):	232 × 142 × 149
Weight (w/o pump head):	2.3 kg
Protection class:	IP 31

Output capacity:

Pump head	Ducts	Output capacity per duct in ml/ min
PPH 103	1	0.07 – 380
PPH 303	1	1.7 – 150
PPH 5061	1	0.00025 – 48
PPH 5062	2	0.00025 – 48

Type	Flow rate ml/min	Order No.
PLP 380	0.00025 – 380	10 48 54739

Pump head is not included in the price. You will find ordering codes and performance characteristics of the pump heads at the end of the product information about pump drives.

Peristaltic pump drive PLP 2200

Easy to use peristaltic pump drive. Delivery rate 0.07 - 2200 ml/min.

- Different pump heads available
- Special key for fast priming and draining
- Automatic saving of current settings
- Easy to operate: On/Off switch and rotary button for speed control
- Favorable price/performance ratio

Technical data:

Speed:	1 – 600 rpm, direction of rotation is reversible
Accuracy:	1 rpm
Operation:	start/stop switch and rotary switch for speed

Display:	three-digit LED-display for indication of rpm
Interface:	RS485
Voltage:	90 – 260 VAC, 50/60 Hz
Consumption:	< 100 W
Ambient temperature:	0 – 40°C
Humidity:	< 80%
Dimensions in mm (L×W×H):	285 × 207 × 180
Weight (w/o pump head):	3.8 kg
Protection class:	IP 31

Output capacity:

Pump head	Ducts	Output capacity per duct in ml/ min
PPH 103	1	0.07 – 2200
PPH 303	1	1.6 – 1600

Type	Flow rate ml/min	Order No.
PLP 2200	0.07 – 2200	10 48 54742

Pump head is not included in the price. You will find ordering codes and performance characteristics of the pump heads at the end of the product information about pump drives.



③ Peristaltic pump drive PLP 6000

Easy to use peristaltic pump. Maintenance-free brushless DC motor. High torque, low vibrations, high efficiency. Delivery rate 4.2 - 6000 ml/min.

- Different pump heads available
- Special key for fast priming and draining
- Automatic saving of current settings
- High torque for operation with double pump head
- Easy to operate via On/Off switch and rotary button for speed control
- Favorable price/performance ratio

Technical data:

Speed:	60 – 600 rpm
Accuracy:	± 1%
Resolution:	1 rpm
Torque:	≥ 1,60 Nm
Operation:	start/stop switch and rotary knob for speed

Display:	three-digit LED-display for indication of rpm
Interface:	RS485
Voltage:	176 – 264 VAC, 50/60 Hz
Consumption:	< 200 W
Ambient temperature:	0 – 40°C
Humidity:	< 80%
Dimensions in mm (L×W×H):	285 × 207 × 180
Weight (w/o pump head):	5.2 kg
Protection class:	IP 31

Output capacity:

Pump head	Ducts	Output capacity per duct in ml/min
PPH 103	1	4.2 – 2200
PPH 303	1	100 – 1600
PPH 603	1	200 – 6000
PPH 7042	2	50 – 1800
PPH 8062	1	30 – 4000

Type	Flow rate ml/min	Order No.
PLP 6000	4.2 – 6000	10 48 54744

Pump head is not included in the price. You will find ordering codes and performance characteristics of the pump heads at the end of the product information about pump drives.

Peristaltic pump drive PLP 380 multi

Easy to use peristaltic pump drive. Delivery rate 0.0025 - 380 ml/min.

- High torque: suitable for multi-channel pump heads and multi-head operation
- Up to 8 channels
- Large selection of pump heads
- User-friendly operation via membrane keyboard and rotary button
- Favorable price/performance ratio

Technical data:

Speed:	0,1 – 100 rpm, direction of rotation is reversible
Accuracy:	0.1 rpm
Operation:	via membrane keyboard and rotary knob
Display:	Flow rate and speed via a graphical display, 128 × 64
Interface:	RS485
Voltage:	220 VAC ± 10%, 50/60 Hz 110 VAC ± 10%, 50/60 Hz
Consumption:	< 50 W
Ambient temperature:	0 – 40°C
Humidity:	< 80%
Dimensions in mm (L×W×H):	202 × 160 × 239
Weight (w/o pump head):	5.34 kg
Protection class:	IP 31

Output capacity:

Pump head	Ducts	Output capacity per duct in ml/min
PPH 103	1	0.07 – 380
PPH 303	1	1.7 – 150
PPH 5062	2	0.0025 – 48
PPH 5064	4	0.0025 – 48
PPH 5066	6	0.0025 – 48
PPH 5068	8	0.0025 – 48

Type	Flow rate ml/min	Order No.
PLP 380 multi	0.0025 – 380 per duct	10 48 55176

Pump head is not included in the price. You will find ordering codes and performance characteristics of the pump heads at the end of the product information about pump drives.



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Pump heads for PLP 380, PLP 380 multi, PLP 2200 and PLP 6000

Type	Max. flow rate per duct ml/min	Speed rpm	Squeezing rollers	Ducts	Weight kg	suitable for	Order No.
PPH 103	2200	≤ 600	3	1	0.4	PLP 380 PLP 380 multi PLP 2200 PLP 6000	10 48 54745
PPH 303	1600	≤ 600	3	1	0.35	PLP 380 PLP 380 multi PLP 2200 PLP 6000	10 48 54746
PPH 5061	48	≤ 100	6	1	0.21	PLP 380	10 48 54747
④ PPH 5062	48	≤ 100	6	2	0.27	PLP 380 PLP 380 multi	10 48 91218
PPH 5064	48	≤ 100	6	4	0.4	PLP 380 multi	10 48 55177
PPH 5066	48	≤ 100	6	6	0.54	PLP 380 multi	10 48 55178
PPH 5068	48	≤ 100	6	8	0.67	PLP 380 multi	10 48 55179
⑤ PPH 603	6000	≤ 600	3	1	0.79	PLP 6000	10 48 91217
PPH 7042	1800	≤ 600	4	2	0.82	PLP 6000	10 48 54750



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Accessories

Article	Order No.
Foot switch for peristaltic pump drives	10 48 16107

Tubing for behrotest® pump heads

Material	Inner Ø mm	Wall thickness mm	Order No.	PU m/Roll
Norprene A-G-60	1.6	1.6	10 48 07684	15
Pharmed	0.8	1.6	10 48 15421	7.5
Pharmed	1.6	1.6	10 48 15422	7.5
Pharmed	3.2	1.6	10 48 15423	7.5
Pharmed	4.8	1.6	10 48 15424	7.5
Pharmed	6.4	1.6	10 48 15425	7.5
Tygon 3603	1.6	1.6	10 48 15411	15
Tygon 3603	2.4	1.6	10 48 15412	15
Tygon 3603	3.2	1.6	10 48 15413	15
Tygon 3603	4.8	1.6	10 48 15414	15
Tygon 3603	6.4	1.6	10 48 15415	15
Tygon 3603	8	1.6	10 48 15416	15
Tygon 3603	4.8	2.4	10 48 15417	15
Tygon 3603	6.4	2.4	10 48 15418	15
Tygon 3603	8	2.4	10 48 15419	15
Tygon 3603	9.6	2.4	10 48 15420	15



Micro volumina tubing for pump heads PPH 5061/5062

Material	Version	Inner Ø mm	Wall thickness mm	Order No.	PU pc/Pack
Tygon 3603	3 stopper	0.13	0.9	10 48 16090	12
Tygon 3603	3 stopper	0.25	0.9	10 48 16091	12
Tygon 3603	3 stopper	0.51	0.9	10 48 16092	12
Tygon 3603	3 stopper	1.52	0.85	10 48 16095	12
Tygon 3603	3 stopper	1.85	0.85	10 48 16096	12
Tygon 3603	3 stopper	2.06	0.85	10 48 16097	12

