

PLP

behrotest® PLP:

Peristaltic pumps for the laboratory



behrotest®

PLP Laboratory Peristaltic Pumps

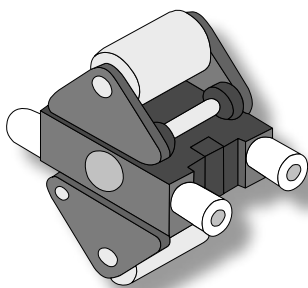
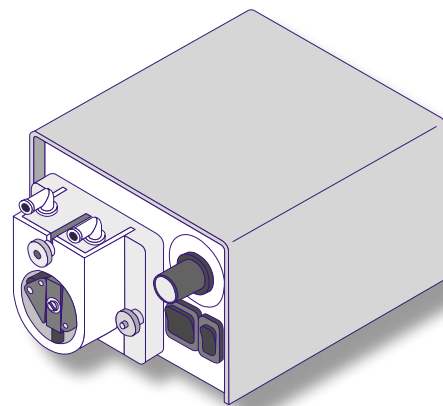
The Fields of Application

behrotest® PLP laboratory peristaltic pumps are suitable for delivering free-flowing liquids and gases.

Depending on the selection of tubing material chosen, they are suitable for use with a wide variety of chemicals, corrosive or aggressive substances or sterile media.

behrotest® PLP laboratory peristaltic pumps find application

- in Laboratories
- in analysis
- in medical technology
- in biotechnology
- in the foodstuffs industry
- in industrial manufacture



behrotest® PLP laboratory peristaltic pumps have a pump rotor with two tubing-compression rollers and four lateral tubing guide rollers.

The tubing compression rollers are oriented opposite each other in a linear configuration, thereby enabling the hermetic sealing of the pump tube in all positions of the rotor.

The guide rollers maintain the position of the tube optimally

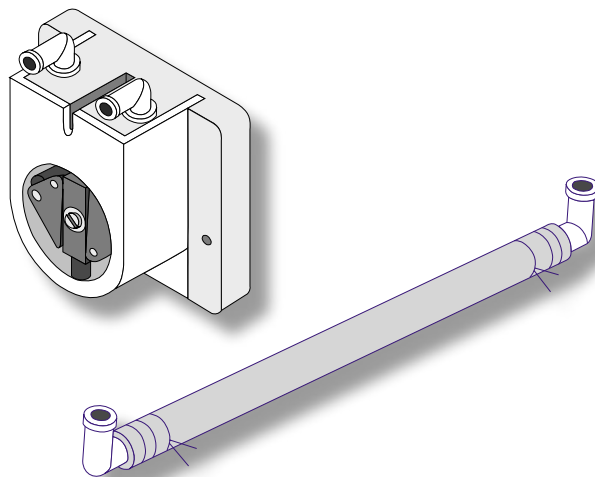
in the path of the compression rollers.

The speed of the precision direct current motor is continuously adjustable. The direction of rotation of the pump rotor is reversible.

The behrotest® PLP laboratory peristaltic pumps are delivered including a 1.5 meter electrical power cable.

Foolproof Replacement of the Pump Tube

Replacing the pump tube is very easy. Replacement can be performed without any tools and with just a few manipulations.



The Components

Motor

Housing:	Lacquered
Winding form:	Polyamide
Bearing mount:	Zinc
Bearing:	Sintered bearing

Geared transmission

Housing:	Galvanized
Bearing bushing:	Special brass
Drive shaft:	Steel
Cover:	Polypropylene

Pump head

Base plate and pump chamber:	Polyamide
Pump rotor shaft:	Ms 58
All other metal parts:	nickel plated

Pump rotor

Load-bearing support:	Polyamide reinforced with fiberglass
Metal components:	stainless steel
Pump and guide rollers:	polyamide

Tubing connection nipples:

Polypropylene

Tubing

Silicone, Marprene, Viton
(silicone in standard version)



Technical Data

Model	PLP 33	PLP 66	PLP 330	PLP 1000
Delivery rate, adjustable (l/h)	0,4 - 2	1,0 - 4	4,0 - 24	15 - 60
Current requirement (mA)	70			130
Voltage	235 VAC/50 Hz			
Dimensions (H x W x L in mm)	88 x 124 x 175			
Operating mode	Continuous operation			
Tubing (ID in mm)	6			
Tubing connection nipples	90° bent – straight connections are available for the PLP 66			
Weight (g)	1300			1440

Ordering Information

Model	PLP 33	PLP 66	PLP 330	PLP 1000
Stock No	584870102	584870104	584870120	584870160