

## Heidolph® Peristaltic Pump Systems, Models PD 5001 and PD 5006, Brinkmann®

Standard pump drives are ideal for use with applications involving corrosive solvents or sterilized media. Convenient large dials allow analog speed adjustment of condenser motor. Pump drives feature selectable rotation direction, overheat protection, and a housing that allows pump drives to be stacked up to three high. Electronic speed control is accurate to ±2%. Flow rates are accurate to ±5%.

The SP pump heads allow fast and convenient tube changes and feature ball bearings and rollers for tubing with 1.6mm or 2.5mm wall thickness. The SP quick heads feature a stainless steel five-roller system to reduce pulsation. They can also be used with the SP quick d pump heads on the PD 5001 pump drive to attach two pump heads to one drive. The SP standard pump heads have stainless steel and polyamide rollers with a convex shape to protect organic cell cultures. The SP vario pump heads can be used in a clockwise direction of rotation only and feature stainless steel and aluminum rollers with a convex shape for organic cell cultures and a removable rotor for cleaning.

The PD 5001 pump drive with multi-channel adaptor may be used in combination with multi-channel pump heads and cassettes. Choose multi-channel pump heads that accept either four small cassettes, eight medium or four large cassettes, or 12 small cassettes.

Flow rates for multi-channel pump heads and cassettes vary depending on pump drive and tubing size.

All pump drives meet protection class IP 30 (DIN 40050) and are CE marked.

**Ordering Information:** Three-year manufacturer's warranty. Pump drives do not include pump heads or cassettes, which are sold separately.



<b>Dimensions</b>	16.6W x 25.6D x 22.5H cm (6 <sup>9</sup> / <sub>16</sub> x 10 x 8 <sup>7</sup> / <sub>8</sub> "
<b>Electrical</b>	115V, 50/60Hz, 150W
<b>Maximum Viscosity</b>	10,000 cP
<b>Permissible Ambient Temperature</b>	0 to 40°C (32 to 104°F)

Description	Flow Rate	Speed Range	Supplier No.	Cat. No.	Price
PD 5001 Pump Drive	0.7 to 729 mL/min.	10–120 rpm	036150010	<b>82020-078</b>	Ea./ 1664.17
PD 5006 Pump Drive	3.3 to 3644 mL/min.	50–600 rpm	036150030	<b>82020-080</b>	Ea./ 1554.20
PD 5001 Pump Drive with Multi-Channel Adaptor	0.01 to 336 mL/min.	10–120 rpm	036150130	<b>82020-090</b>	Ea./ 1818.13

Accessories					
Description	For Use With	Supplier No.	Cat. No.	Price	
Single-Channel Pump Head	Tubing with 1.6mm Wall Thickness	036150390	<b>82020-102</b>	Ea./ 747.77	
Single-Channel Pump Head	Tubing with 2.5mm Wall Thickness	036150400	<b>82020-104</b>	Ea./ 747.77	
Single-Channel Pump Head	Tubing with 1.6mm Wall Thickness	036150410	<b>82020-106</b>	Ea./ 909.06	
Single-Channel Pump Head	Tubing with 1.6mm Wall Thickness	036150430	<b>82020-110</b>	Ea./ 546.14	
Single-Channel Pump Head	Various Tubing Sizes	036150450	<b>82020-114</b>	Ea./ 1400.24	
Multi-Channel Pump Head	Holds 12 Small Cassettes	036150460	<b>82020-116</b>	Ea./ 2977.52	
Multi-Channel Pump Head	Holds 8 Medium or 4 Large Cassettes	036150470	<b>82020-118</b>	Ea./ 1876.93	
Multi-Channel Pump Head	Holds 4 Small Cassettes	036150480	<b>82020-120</b>	Ea./ 1246.29	
Multi-Channel Cassette, Small	Tubing with 0.9 mm Wall Thickness	036150490	<b>82020-122</b>	Ea./ 395.88	
Multi-Channel Cassette, Medium	Tubing with 1.6 mm Wall Thickness	036150500	<b>82020-124</b>	Ea./ 381.21	
Multi-Channel Cassette, Large	Tubing with 1.6 mm Wall Thickness	036150510	<b>82020-126</b>	Ea./ 395.88	
Adaptor	Multi-Channel Pump Heads	036304400	<b>82020-135</b>	Ea./ 270.30	



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