



Product Model	B600K0	B100K1/K2/K3/K5	B600K1/K2/K3/K5
Flow Range	≤ 2562 mL/min	≤ 645 mL/min	≤ 2562 mL/min
Speed Range	≤ 600 rpm	≤ 150 rpm	≤ 600 rpm
Adaptable Pump Head	YZ15T, YZ25, DT10, DT15, YT25, YT15, BZ15, BZ25, DG6, DG10, DS6, DS10		
Motor Type	57 Stepper motor		
Power Supply Voltage	-	DC 24V-DC36V	DC 24V-DC40V
Weight (Excluding Tube)	1.365 kg	2.027 kg	2.797 kg
Dimensions	118 × 116 × 78 (mm)	175 × 120 ×136 (mm)	191 × 120 × 161 (mm)

Product No.	Model	Control Mode
5010400801024	B600K0	-
5010200301004	B100K1	External control 4-20MA
5010200201001	B100K2	External control 0-5V
5010200101003	B100K3	External control 0-10V
5010200401013	B100K5	RS485 communication
5010400301002	B600K1	External control 4-20MA
5010400201002	B600K2	External control 0-5V
5010400101001	B600K3	External control 0-10V
5010400401009	B600K5	RS485 communication



Product Model	J450A1KZ25	J450A1YT25	J450A1YZ35
Flow Range	≤ 5390 mL/min	≤ 2450 mL/min	≤ 10780 mL/min
Fixed speed	490 ± 5% rpm		
Suitable Tube	15# 24# 35# 36#	15# 24# 35# 36#	73# 82#
Material of Tube	Silicone, Pharmed		
Channel Number	1 Channel		
Number of Rollers	3 Rollers		
Motor Type	AC Reduction motor		
Weight (Excluding Tube)	7 kg	8 kg	8 kg
Dimensions	334 × 115 × 180 (mm)	334 ×115 × 180 (mm)	356 × 140 × 207 (mm)

Product No.	Model
5040400101002	J450A1KZ25
5040400101001	J450A1YT25
5040400101003	J450A1YZ35

LEAD FLUID (BAODING) INTELLIGENT EQUIPMENT MANUFACTURING CO.,LTD.

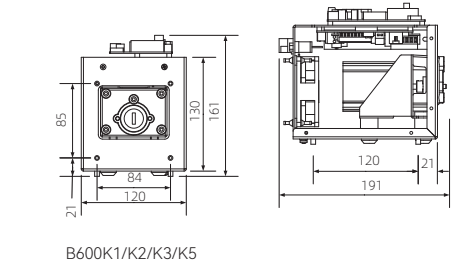
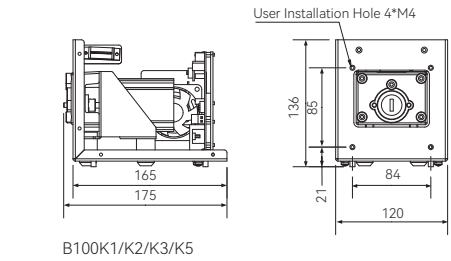
Add: No.1-11, East Park of Equipment Manufacturing, Yangguang Street, Xushui District, Baoding City,Hebei,China

Tel: 0086-312-6770711

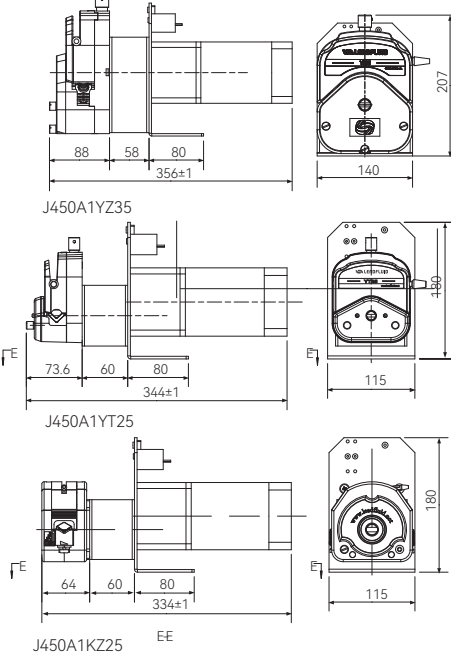
Email: master@leadfluid.com

Web: www.leadfluid.com

Application Fields:
Biopharmaceuticals, Environmental Protection, Food Industry, and More
Typical Applications:
Biocatalyst Transfer, Water Quality Analyzers, Fermentation, etc.



Application Fields:
Biopharmaceuticals, Industrial,Food Industry, and More
Typical Applications:
Biocatalyst Transfer, Drug Filtration, Drug Transfer, etc



BZ15

Application Fields:
Biopharmaceuticals, Environmental Protection, Food Industry, and More
Typical Applications:
Water Quality Analyzers, Fermentation, etc.



BZ25

Application Fields:
Biopharmaceuticals, Environmental Protection, Food Industry, and More
Typical Applications:
Water Quality Analyzers,Fermentation, etc.



KJ15

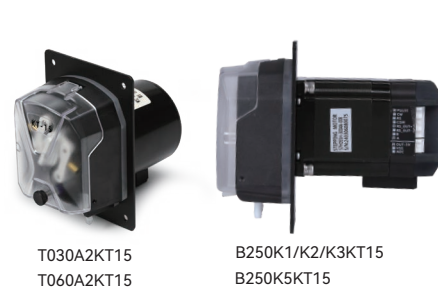
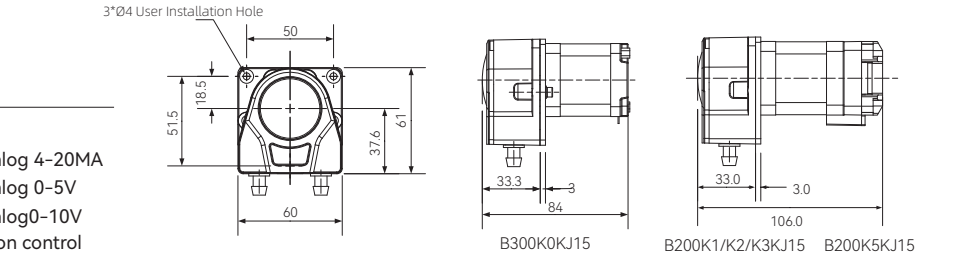
Application Fields:
Biopharmaceuticals, Environmental Protection, Medical Devices, and More
Typical Applications:
Fermentation, Water Quality Analyzers, Hydrogen Peroxide Disinfection Machines, etc.

Product No.	Model	Control Mode
5010300801003	B300K0KJ15	-
5010200301005	B200K1KJ15	External Control Analog 4-20MA
5010200201002	B200K2KJ15	External Control Analog 0-5V
5010200101004	B200K3KJ15	External Control Analog0-10V
5010200401018	B200K5KJ15	RS485 communication control

Product Model	B600K0BZ15-16/B600K0BZ25-24
Flow Range	≤ 1560 mL/min
Speed Range	≤ 600 rpm
Suitable Tube	16# 24#
Material of Tube	Silicone, Pharmed, A-60-G
Channel Number	1 Channel
Number of Rollers	3 Rollers
Motor Type	57 Stepper motor
Weight (Excluding Tube)	1.683 kg
Dimensions	178.7 × 116 × 86 (mm)

Product Model	B350K1/K2/K3BZ25-24	B350K5BZ25-24
Flow Range	≤ 910 mL/min	
Speed Range	≤ 350 rpm	
Suitable Tube	24#	
Material of Tube	Silicone, Pharmed, A-60-G	
Channel Number	1 Channel	
Number of Rollers	3 Rollers	
Motor Type	57 Stepper motor	
Power Supply Voltage	DC 24-36V	
Control Mode	External Analog	RS485 Communication
Weight(Excluding Tube)	1.683 kg	
Dimensions	213 × 116 × 74 (mm)	

Product Model	B300K0KJ15	B200K1/K2/K3KJ15	B200K5KJ15
Flow Range	≤ 498 mL/min	≤ 190 mL/min	≤ 190 mL/min
Speed Range	≤ 300 rpm	≤ 200 rpm	≤ 200 rpm
Suitable Tube	13# 14# 19# 16# 25# 17#		
Material of Tube	Silicone, Pharmed, A-60-G, A-60-F		
Channel Number	1 Channel		
Number of Rollers	4 Rollers (2 auxiliary rollers)		
Motor Type	42 Stepper motor		
Power Supply Voltage	-	DC 12-24V	DC 12-24V
Control Mode	-	External Analog	RS485 Communication
Weight(Excluding Tube)	0.421 kg		
Dimensions	84 × 60 × 61 (mm)	106 × 60 × 61 (mm)	106 × 60 × 61 (mm)



KT15

Application Fields:
Biopharmaceuticals, Environmental , Food Industry, and More
Typical Applications:
Laboratory Fermentation Equipment, Fully Automatic Digestion Instruments, etc.

Product No.	Model	Control Mode
5060300101001	T030A2KT15	-
5060300101002	T060A2KT15	-
5010200301007	B250K1KT15	External Control Analog 4-20mA
5010200201004	B250K2KT15	External Control Analog 0-5V
5010200101006	B250K3KT15	External Control Analog 0-10V
5010200401020	B250K5KT15	RS485 communication

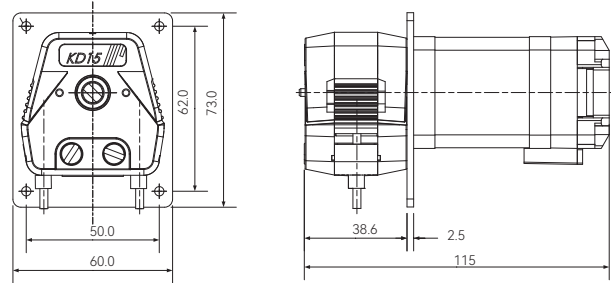


KD10/15

Application Fields:
Biopharmaceuticals, Scientific Instruments, Medical Devices, and More
Typical Applications:
Flow Cytometers, Liquid Handling Workstations, etc.

Product Model	B200K1/K2/K3KD10	B200K5KD10	B200K1/K2/K3/KD15	B200K5KD15
Flow Range	≤ 96 mL/min		≤ 194 mL/min	
Speed Range	≤ 200 rpm		≤ 200 rpm	
Suitable Tube	Wall 0.92, ID 0.5 mm, 1 mm, 2 mm, 2.4 mm, 3 mm 025 × 0.9mm, 0.76 × 0.85 mm, 1.3 × 0.85 mm, 1.52 × 0.85 mm, 1.85 × 0.85 mm, 2.79 × 0.84 mm, 32 × 0.8mm		13# 14# 19# 16# 25#	
Material of Tube	Silicone,Pharmed		Silicone	
Motor Type	42 Stepper motor		42 Stepper motor	
Power Supply Voltage	DC 12 -24V		DC 12V-24V	
Control Mode	Analog (4-20mA/0-5V/0-10V)	RS485 (Modbus RTU)	Analog (4-20mA/0-5V/0-10V)	RS485 (Modbus RTU)
Weight(Excluding Tube)	600 g		588 g	
Dimensions	115 × 60 × 73 (mm)		115 × 60 × 73 (mm)	

Product No.	Model	Control Mode
5010200301013	B200K1KD10	External Control 4-20MA
5010200301014	B200K2KD10	External Control 0-5V
5010200201008	B200K3KD10	External Control 0-10V
1070900101058	KD10-Tube Kit-ID2.29-Pharmed	-
5010200101010	B200K5KD10	RS485(Modbus RTU)
5010200301011	B200K1KD15	External Control 4-20MA
5010200301012	B200K2KD15	External Control 0-5V
5010200201007	B200K3KD15	External Control0-10V
1070900101059	KD15-Tube Kit-16-Silicone	-
1070900101060	KD15-Tube Kit-25-Silicone	-
5010200101009	B200K5KD15	RS485 (Modbus RTU)



WX09

Application Fields:
Smart Living and More
Typical Applications:
Automatic Soap Dispensers, Robot Vacuums, Aromatherapy Diffusers, etc.



B300K0-KX1502

Z245A2-KX1502



KX1502

Application Fields:
Industrial, Environmental, Food and beverage, Laboratory, Medical, etc.
Typical Applications:
Disinfectant machines, Beverage dispensers, Milk tea machines, Blood analyzers, Water quality analyzers, etc



MM10-PC

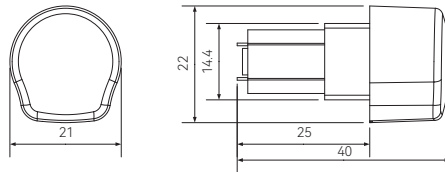
Application Fields:
Biopharmaceuticals, Environmental Protection, Medical Devices, and More
Typical Applications:
Western Blot Instruments, Chemiluminescence Analyzers, Water Quality Analyzers, etc.

Product No.	Model
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5070800101010	Z400A2MM10-PC-24V
5070800101009	Z400A2MM10-PC-12V
5070100101005	Z100A2MM10-PC-24V
5070100101004	Z100A2MM10-PC-12V
5070100101006	W100A2MM10-PC-12V
5070100101007	W100A2MM10-PC-24V

Product Model	Z020A2WX09/200A2WX09
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Fixed Flow Rate	1.5 mL/min, 15 mL/min
Fixed Speed	20 rpm, 200 rpm
Suitable Tube	2 × 3.84 × 0.92 mm
Material of Tube	Silicone, Pharmd
Channel Number	1 Channel
Number of Rollers	2 Rollers
Motor Type	DC Reduction motor
Weight	Approx. 15g (With DC reduction motor and 13.5cm silicone tube)
Dimensions	40 × 21 × 22 (mm)

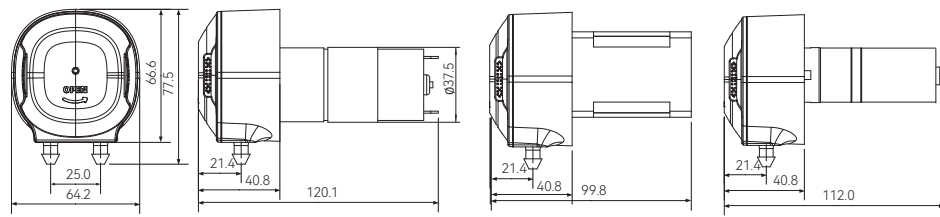


Product No.	Model
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5070500101001	Z020A2WX09
5070300101002	Z200A2WX09

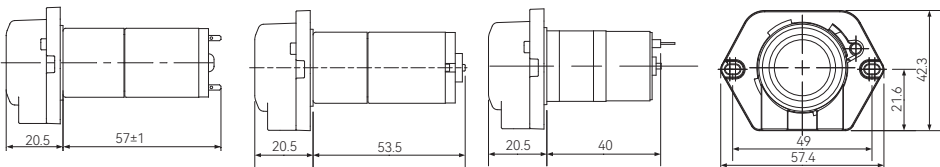
Product Model	Z245A2-KX1502	B300K0-KX1502	W300A2-KX1502
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Flow Range	≤ 507.5 mL/min	0.16 ~ 607.7 mL/min	≤ 607.7 mL/min
Speed Range	245 rpm (Fixed speed)	1 ~ 300 rpm	≤ 300 rpm
Suitable Tube	14# 19# 16# 25# 17#		
Material of Tube	Silicone, Pharmd		
Channel Number	1 Channel		
Number of Rollers	2 Rollers		
Motor Type	37 DC Brushed motor	42 Stepper motor	28 Brushless DC motor
Weight	350.3 g	591.5 g	273.53 g
Dimensions	120.1 × 64.2 × 77.5 (mm)	99.8 × 64.2 × 77.5 (mm)	112 × 64 × 77.5 (mm)



Product Model	Z400A2MM10-PC-24V/12V Z100A2MM10-PC-24V/12V	W100A2MM10-PC-12V	W100A2MM10-PC-24V
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Flow Range	21 ~ 110 mL/min	0.47 ~ 33.66 mL/min	0.47 ~ 36.71 mL/min
Speed Range	110 rpm, 130 rpm, 400 rpm (±10%)	≤ 110 rpm±10%	≤ 120 rpm±10%
Suitable Tube	Wall 0.85 mm, ID 1.02 mm, 2.06 mm, 2.79 mm		
Material of Tube	Silicone, Pharmd		
Channel Number	1 Channel		
Number of Rollers	3 Rollers		
Motor Type	DC Brushed motor	Brushless DC motor	Brushless DC motor
Weight	105 g (Excluding Tube)	116 g	116 g
Dimensions	77.5 × 57.4 × 42.3 (mm)	74 × 57.4 × 42.3 (mm)	60.5 × 57.4 × 42.3 (mm)



Z400A2MM10-PC-24V/12V
Z100A2MM10-PC-24V/12V

W100A2MM10-PC-12V

W100A2MM10-PC-24V

W100A2MM10-PC-24V

WY10

Application Fields:
Biopharmaceuticals, Scientific Instruments, and More
Typical Applications:
Parallel Fermentation.



FZ10

Application Fields:
Biopharmaceuticals, Scientific Instruments, Medical Devices, New Energy and More
Typical Applications:
Oil Analyzers, Digestion Instruments, etc.

TY15



T010A1TY15

B200K1/K2/K3TY15
B200K5TY15

Application Fields:
Biopharmaceuticals, Industrial, Food Industry, and More
Typical Applications:
Biocatalyst Transfer, Drug Filtration, Drug Transfer, etc

Product No.	Model	Control Mode
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5060100101002	T010A1TY15	-
5010200301006	B200K1TY15	External control analog quantity 4-20mA

5010200201003	B200K2TY15	External control analog quantity 0-5V
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5010200101005	B200K3TY15	External control analog quantity 0-10V
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5010200401019	B200K5TY15	RS485 communication
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Product Model	B100K0WY10
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Flow Range	≤ 73.73 mL/min
Speed Range	≤ 300rpm
Suitable Tube	(ID × Wall) Silicone: 1 × 0.92 mm, 2 × 0.92 mm, 3 × 0.92 mm Pharmed: 1.14 × 0.85 mm, 2.06 × 0.85 mm, 3.2 × 0.85 mm Silicone, Pharmd
Material of Tube	
Channel Number	1 Channel
Number of Rollers	3 Rollers
Motor Type	42 Stepper motor
Weight	462.5 g (Excluding tube)
Dimensions	79.6 × 63.6 × 90.6 (mm)

Product No.	Model
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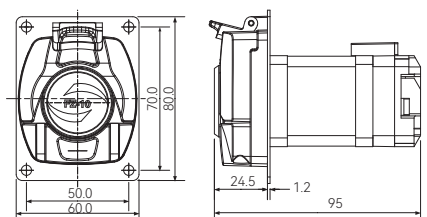
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Product Model	B100K1FZ10 /B100K2FZ10/B100K3FZ10	B100K5FZ10
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Flow Range	0.015 ~ 40 mL/min	
Speed Range	≤ 100 rpm	
Suitable Tube	(ID × Wall) 0.5 × 0.92 mm, 1 × 0.92 mm, 2 × 0.92 mm, 2.4 × 0.92 mm, 3 × 0.92 mm	
Material of Tube	Silicone	
Motor Type	42 Stepper motor	
Power Supply Voltage	DC 12V-24V	
Control Mode	Analog (4-20mA/0-5V/0-10V)	RS485 (Modbus RTU)
Weight	521 g	
Dimensions	95 × 60 × 80 (mm)	

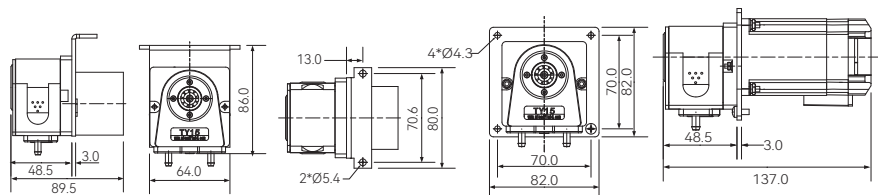
Product No.	Model	Control Mode
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5010200401028	B100K1FZ10	Ext control 4-20MA
5010200301015	B100K2FZ10	Ext control 0-5V
5010200201009	B100K3FZ10	Ext control 0-10V
5010200101011	B100K5FZ10	RS485 (Modbus RTU)



Product Model	T010A1TY15	B200K1/K2/K3TY15	B200K5TY15
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Flow Range	≤ 14 mL/min	≤ 280 mL/min	≤ 280 mL/min
Speed Range	10 rpm (Fixed speed)	≤ 200 rpm	≤ 200 rpm
Suitable Tube	25#		
Material of Tube	Silicone, Pharmd, A-60-G		
Channel Number	1 Channel		
Number of Rollers	2 Rollers		
Motor Type	50 Synchronous motor	57 Stepper motor	57 Stepper motor
Power Supply Voltage	-	DC 24-36V	DC 24-36V
Control Mode	-	External Analog	RS485 Communication
Weight (Excluding Tube)	0.417 g	0.417 g	0.42 g
Dimensions	89.5 × 80 × 86 (mm)	137 × 82 × 82 (mm)	137 × 82 × 82 (mm)



T010A1TY15

B200K1/K2/K3TY15
B200K5TY15

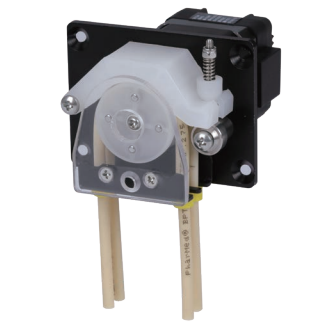
DW10

Application Fields:
Biopharmaceuticals, Environmental Protection, Food Industry, and More
Typical Applications:
Residual Chlorine Analyzers, Water Quality Analyzers, etc.



Product No.	Model	Control Mode
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5010200301009	B150K1DW10-1	External control 4-20MA
5010200201006	B150K2DW10-1	External control 0-5V
5010200101008	B150K3DW10-1	External control 0-10V
5010200401024	B150K5DW10-1	RS485 communication

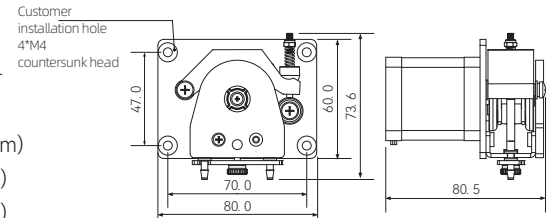


Product No.	Model	Control Mode
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5010200301010	B150K1DW10-2	External control 4-20MA
5010200201010	B150K2DW10-2	External control 0-5V
5010200101012	B150K3DW10-2	External control 0-10V
5010200401025	B150K5DW10-2	RS485 communication

Product Model	B150K0DW10-1/2/3
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Flow Range	≤ 63 mL/min (Single channel flow rate)
Speed Range	≤ 150 rpm
Suitable Tube	Wall 0.85 mm, ID 0.76 mm, 1.3mm, 1.52 mm, 2.79 mm, 3.2 mm Wall 0.92 mm, ID 1 mm, 2 mm, 2.4 mm, 3 mm
Material of Tube	Silicone, Pharmd
Channel Number	1/2/3 Channels
Number of Rollers	4 Rollers
Motor Type	42 Stepper motor
Weight (Excluding Tube)	500g/520g/540g
Dimensions	80.5 × 80 × 60 (mm) 80 × 80 × 60 (mm) 91 × 80 × 60 (mm)

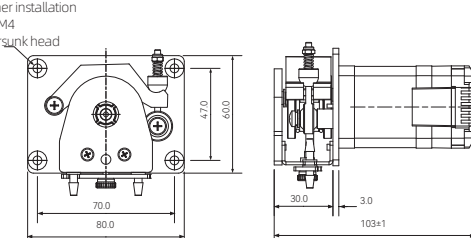


Product No.	Model	Remarks
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5010200801011	B150K0DW10-1	1 Channel
5010200801012	B150K0DW10-2	2 Channels
5010200801013	B150K0DW10-3	3 Channels

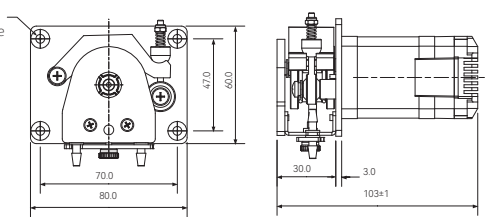
Product Model	B150K1/K2/K3DW10-1	B150K5DW10-1
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Flow Range	0.1 ~ 40.5 mL/min	
Speed Range	≤ 150 rpm	
Suitable Tube	(ID × Wall) 1.52 × 0.85 mm, 2.06 × 0.85 mm, 2.79 × 0.85 mm	
Material of Tube	Pharmed	
Channel Number	1 Channel	
Motor Type	42 Stepper motor	
Power Supply Voltage	DC 12-24V	
Control Mode	Analog (4-20mA/0-5V/0-10V)	RS485 (Modbus RTU)
Weight	553 g	
Dimensions	103 × 80 × 60 (mm)	

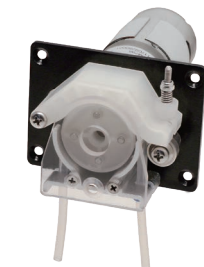
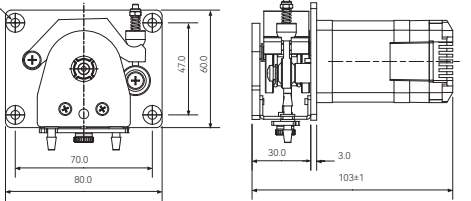


Product Model	B150K1/K2/K3DW10-2	B150K5DW10-2
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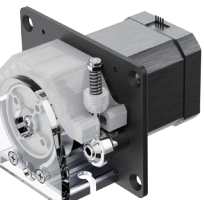
Flow Range	0.1 ~ 22.5 mL/min	
Speed Range	≤ 150rpm	
Suitable Tube	(ID × wall) 1.52 × 0.85 mm, 2.06 × 0.85 mm	
Material of Tube	Pharmed	
Channel Number	2 Channels	
Motor Type	42 Stepper motor	
Power Supply Voltage	DC 12-24V	
Control Mode	Analog (4-20 mA/0-5V/0-10V)	RS485 (Modbus RTU)
Weight	553 g	
Dimensions	103 × 80 × 60 (mm)	



Customer installation hole 4*φ4 countersunk head



Z400A2DW15-1-24V/12V
Z100A2DW15-1-24V/12V
W400A2DW15-1-24V/12V
W100A2DW15-1-24V/12V



B400K0DW15-1

DW15

Application Fields:
Biopharmaceuticals, Environmental Protection, Food Industry, and More
Typical Applications:
Biocatalyst Transfer, Water Quality Analyzers, Fermentation, etc.



B400K0FT1505



Z350A2FT1505

FT1505

Application Fields:
Biopharmaceuticals, Medical Equipment, Laboratory Instruments, and Various OEM Supply Needs
Typical Applications:
Biochemical Fermentation, Dentistry, Surgical Irrigation, etc.

Product Model	W400A2DW15-1-24V/12V W100A2DW15-1-24V/12V	B400K0DW15-1	Z400A2DW15-1-24V/12V Z100A2DW15-1-24V/12V
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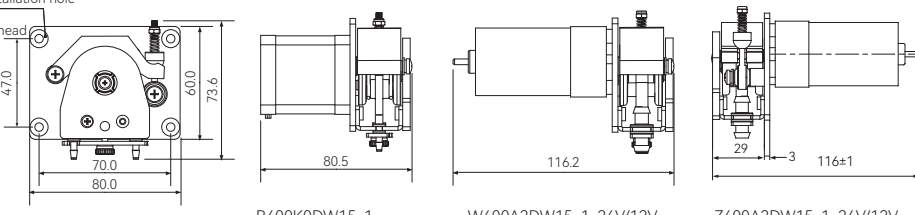
Flow Range	≤ 320 mL/min	≤ 332 mL/min	≤ 300 mL/min
Speed Range	≤ 400 rpm		
Suitable Tube	Wall 1.6mm ID 14# (1.6 mm), 19# (2.4 mm), 16# (3.2 mm), 25# (4.8 mm)		
Material of Tube	Silicone,pharmed		
Motor Type	Brushless DC motor	42 Stepper motor	DC Brushed motor
Channel Number	1 Channel		
Number of Rollers	4 Rollers		
Weight	390 g	500 g	405 g
Dimensions	116 × 80 × 60 (mm)	80.5 × 80 × 60 (mm)	116 × 80 × 60 (mm)

Product No.	Model
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5080400101002	W400A2DW15-1-24V
5080400101001	W400A2DW15-1-12V
5080100101005	W100A2DW15-1-24V
5080100101004	W100A2DW15-1-12V
5010300801004	B400K0DW15-1

Product No.	Model
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5070800101007	Z400A2DW15-1-24V
5070800101006	Z400A2DW15-1-12V
5070100101003	Z100A2DW15-1-24V
5070100101002	Z100A2DW15-1-12V



B400K0DW15-1

W400A2DW15-1-24V/12V
W100A2DW15-1-24V/12V

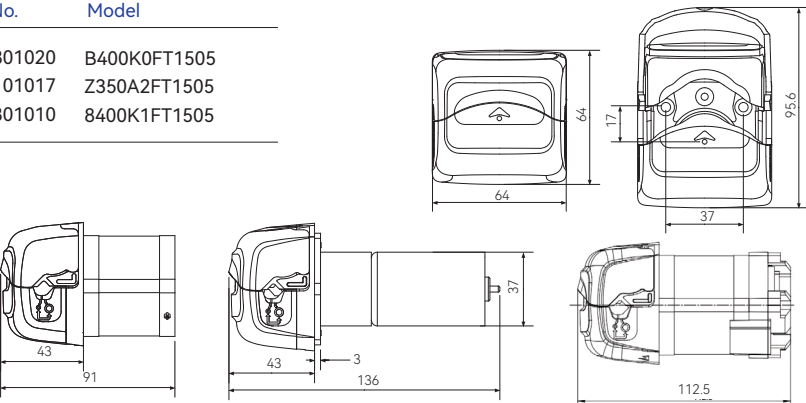
Z400A2DW15-1-24V/12V
Z100A2DW15-1-24V/12V

Product Model	B400K0FT1505	Z350A2FT1505	B400K1FT1505
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Flow Range	≤ 550 mL/min	≤ 360 mL/min	≤ 510 mL/min
Speed Range	Continuous Operation ≤ 400 rpm; Intermittent Operation ≤ 600 rpm	390rpm (Fixed speed)	Continuous Operation ≤ 400 rpm; Intermittent Operation ≤ 600 rpm
Suitable Tube	Wall 1.6 mm, 120#, 13#, 14#, 19#, 16#, 25#		
Material of Tube	Silicone, Pharmd		
Motor Type	42 Stepper motor	DC Reduction motor	42 Stepper motor
Channel Number	1 Channel		
Number of Rollers	4 Rollers		
Weight(Excluding Tube)	470 g	-	-
Dimensions	64 × 64 × 91 (mm)	64 × 64 × 136 (mm)	64 × 64 × 112.5 (mm)

Product No.	Model
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5010300801020	B400K0FT1505
5070800101017	Z350A2FT1505
5010300301010	B400K1FT1505



B400K0FT1505

Z350A2FT1505

B400K1FT1505