

Peristaltic pumps, Landgraf

With their different heads and various hose combinations, the Signal Fluid units cover a wide range of applications. Equipped with reliable motors, mature mechanical components and a solid housing, these pumps offer the perfect solution for all everyday laboratory needs. Depending on the model series, the pumps are used for basic tasks, continuous pump operation, or for dispensing functions. Thanks to the large number of interfaces, they can be easily integrated into automatic applications.

Pump drives

Model:	iPump S	iPump S-W	iPump L	iPump F
Max. flow rate ml/min:	2416	6016	2416	2416
Max. ducts up to 75 ml/min:	12	n/v	12	12
Max. heads/ducts > 700 ml/min:	2	8	2	2
Speed control:	yes	yes	yes	yes
Time control:	yes	yes	yes	yes
Flow calibration:	no	no	yes	yes
Dispense mode:	no	no	no	no

Type	Speed	Order No.
① iPump 2S	up to 200 UPM/ 825 ml/min	10 67 23132
iPump 2L	up to 200 UPM/ 825 ml/min	10 67 23162
iPump 2F	up to 200 UPM/ 825 ml/min	10 67 23182
iPump 4S	up to 400 UPM/ 1710 ml/min	10 67 23134
iPump 4L	up to 400 UPM/ 1710 ml/min	10 67 23164
② iPump 4F	up to 400 UPM/ 1710 ml/min	10 67 23184
iPump 6S	up to 600 UPM/ 2416 ml/min	10 67 23136
iPump 6S-W	up to 600 UPM/ 2416 ml/min	10 67 23156
iPump 6L	up to 600 UPM/ 2416 ml/min	10 67 23166
iPump 6F	up to 600 UPM/ 2416 ml/min	10 67 23186

Pump heads

The difference between the pump heads YZ15A and YZ25A is the wall thickness of the respective hoses. The pump head YZ25A allows for higher pressures.

Pump head	Compatibility	Ducts	Max. flow rate ml/min	Order No.
② YZ15A	all pumps	1	2416	10 67 23310
YZ25A	all pumps	1	1800	10 67 23311
DG1A	iPump 2-S/L/F	1	75	10 67 23211
DG2A	iPump 2-S/L/F	2	75	10 67 23221
DG4A	iPump 2-S/L/F	4	75	10 67 23241
DG6A	iPump 2-S/L/F	6	75	10 67 23261
DG8A	iPump 2-S/L/F	8	75	10 67 23281
DG12A	iPump 2-S/L/F	12	75	10 67 23292

Silikon tubes Pharma Grade

Matching hoses must be inserted in the pump head. The volume range is determined by the inner diameter of the hose.

Inner Ø mm	Wall thickness mm	Roller length m	Max. flow rate ml/min	Order No.
1.6	1.6	15	180	10 67 23406
3.1	1.6	15	450	10 67 23408
4.8	1.6	15	900	10 67 23409
6.4	1.6	15	1700	10 67 23410
7.9	1.6	7.5	2400	10 67 23411
4.8	2.4	15	900	10 67 23412
6.4	2.4	15	1800	10 67 23413

Minimum order quantity = 3 m

Silicon tubes with 3 stoppers

for DG1A-DG12A heads, pack. unit 6 tubes with 1 m

Inner Ø mm	Wall thickness mm	Max. flow rate ml/min	Order No.
1	1	5	10 67 23421
2	1	20	10 67 23422
3	1	40	10 67 23423

