

LabN1 peristaltic pumps

- ABS case, 3.2" colour display
- Quiet pump with low power consumption
- For constant flow liquid transfer
- Possibility to preset an operating time for dispensing the liquid
- Rotary knob for speed adjustment (0.1 rpm increments)
- Calibration function for greater accuracy
- On / off function, change of rotation direction
- Settings kept in memory in case of power failure
- RS232 and RS485 communication port for control according to MODBUS protocol: start/stop, direction of rotation (switching signal), speed (0-5 V, 0-10 V, 4-20 mA)
- Fast running function for rinsing and filling the hose
- Storage of parameters in case of power failure
- Control of start and stop functions by foot pedal or computer via the communication port (RS232 and RS485)
- Available with self-locking pump head type YZ1515x for flow rates from 0.007 to 570 ml / min, 1, 2 or 4 channels depending on the model chosen
- Available with Low Flow Rate Pump head MC1 (10 rollers), from 1 to 12 channels depending on model chosen



Model	LabN1 head YZ1515x	LabN1 head MC 10 rollers
Flow rate (ml / min)	0.007 - 570	0.000166 - 48.6
Adjustable speed range (rpm)	0.1 - 150	
Programmable dispensing time	0.1 s to 9999 h	
Speed increment (rpm)	0.1	
Dispensing accuracy	± 0.5 %	
Accepted ambient temperature (°C)	0 - 40	
Accepted relative humidity	≤ 80 %	
Power consumption (watts)	≤ 50	
Protection index	IP31	
Power supply	220 V, 50/60 Hz	
Dimensions W x D x H (mm)	157.3 x 261.4 x 236.9	
Weight (kg)	4.4	

LabN1 pump with pump head type YZ1515x

	1 single-channel head	2 single-channel heads	4 single-channel heads
Cat. No.	129394	129395	129396
€	N/A -	N/A -	N/A -

LabN1 pump with 10-roller MC pumphead

	1-channel MC1 head	2-channel MC head	4-channel MC head	8-channel MC head	12-channel MC head
Cat. No.	129397	129398	129399	129400	129401
€	N/A -	N/A -	N/A -	N/A -	N/A -

Hoses for LabN1 pump with pump head type YZ1515x

Cat. No.	Silicone tubing	Inn. Ø (mm)	Thickness (mm)	out. Ø (mm)	Flow rate (ml/min)	Length (m)	€
129303	#13	0.8	1.6	4	0.007 - 10.5	15	N/A -
129304	#14	1.6	1.6	4.8	0.027 - 40.5	15	N/A -
129305	#19	2.4	1.6	5.6	0.055 - 82.5	15	N/A -
129306	#16	3.1	1.6	6.3	0.082 - 123	15	N/A -
129307	#25	4.8	1.6	8	0.17 - 255	15	N/A -
129308	#17	6.4	1.6	9.6	0.29 - 435	15	N/A -
129309	#18	7.9	1.6	11.1	0.38 - 570	15	N/A -

Tubing for LabN1 pump with 10-roller MC pumphead

Cat. No.	Silicone hose	Inn. Ø (mm)	Thickness (mm)	out. Ø (mm)	Flow rate (ml/min)	Length (m)	Units/box	€
129343	Tubing Tygon R-3603, 0.13x0.9	0.13	0.9	1.93	0.00016 - 0.24	0.4	12	N/A -
129393	Silicone tubing 1x1	1	1	3	0.0046 - 6.9	1	12	N/A -
129345	Silicone tubing 2x1	2	1	4	0.0156 - 23.4	1	12	N/A -
129347	Silicone tubing 2.4x0.8	2.4	0.8	4	0.0212 - 31.8	1	12	N/A -
129342	Silicone tubing 3x1	3	1	5	0.0324 - 48.6	1	12	N/A -