

D-21V VARIABLE FLOW PERISTALTIC PUMPS

- ◆ Digital speed control from 0 to 99% in 1% divisions and 100 % repeatability
- ◆ 50-2r Pump head with 2- roller polycarbonate rotor
- ◆ 1500-2r Pump head with 2-roller polycarbonate rotor
- ◆ Easy-load 153-3r Pump head with 3 stainless steel roller rotors
Admits another middle head.
- ◆ Easy load 253-3r Pump head with 3 stainless steel roller rotors.
Admits another middle head.
- ◆ Output for remote control and main light switch
- ◆ Stop and reverse flow switch
- ◆ Supplied with an assortment of tubes and connectors.
- ◆ Dimensions with 50-2r Pump head: 195 x 245 x 120mm. Width x depth x height. Weight: 4Kg
- ◆ Dimensions with 1500-2r Pump head, 153-3r and 253-3r: 165 x 305 x 240mm. Width x depth x height.
Weight: 7Kg
- ◆ Operation: 230V 50/60Hz. Portables: 12V DC, with charger.



With 1500-2r Pump head

Portable model 1500-2r, with carrying handle and connector for car battery.



With 153-3r Pump head



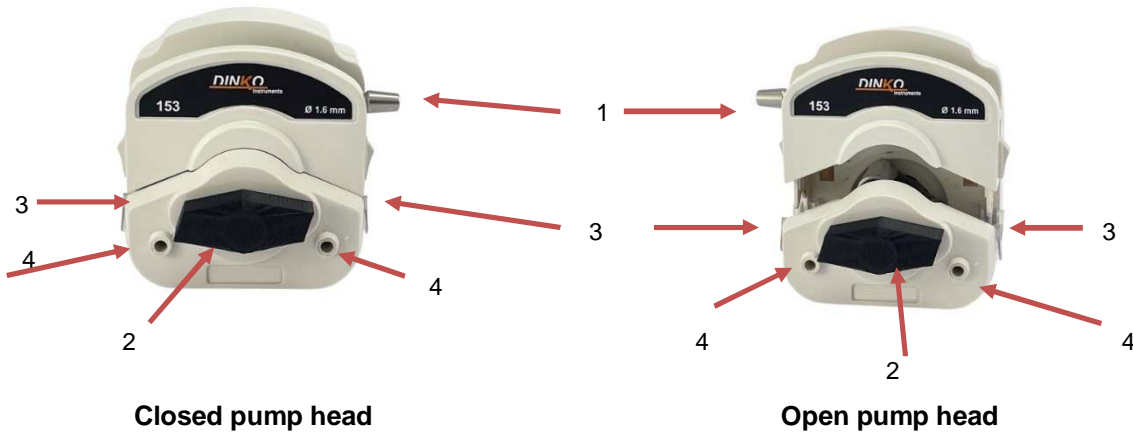
With 50-2r Pump head



With 253-3r Pump head

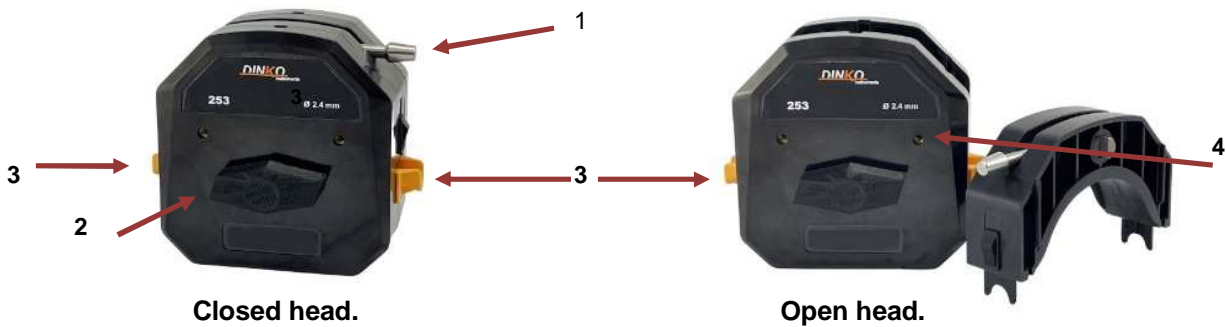
DETAIL OF PUMP HEADS

PUMP HEAD 153-3r



- 1 - Lever to open the pump head
- 2 - Tractor axle output protector
- 3 - Sliding buttons for fixing the peristaltic tube
- 4 - Drilling holes for complementary head fixing screws

PUMP HEAD 253-3r



- 1 - Lever to open the head.
- 2 - Tractor axle output protector.
- 3 - Sliding buttons for fixing the peristaltic tube.
- 4 - Drilling holes for complementary head fixing screws.

Flow Table - Indicative regulation intervals – Pump heads 50-2r and 153-3r

Code ▼	Pump head	rpm	0,5	0,8	1,6	3,2	4,0	4,8	6,4	8,0	◀ Tube mm ID
1.9730.30	50.2r	30	0,1-0,8	0,3-2,0	1,5-9	4,3-30	6,8-48	10-67	15-100	No	Flow ml/min
1.9730.03	50-2r	80	0,4-2,5	1,1-6,3	4,2-30	13-94	20-147	25-210	36-300		
1.9730.00	50-2r	240	1,0-5,5	2,6-14	8-70	26-240	41-337	70-556	88-700		
1.9730.12+	50-2r	240	1,0-5,5	2,6-14	8-70	26-240	41-337	70-556	88-700		
1.9730.14	153-3r	110	0,2-2,8	0,5-6,5	2,6-28	6-110	*	18-333	26-350	58-430	
1.9730.32	153-3r	330	0,5-8,5	1,5-20	8,0-85	20-330	*	56-700	80-1050	175-1300	
1.9730.54	153-3r	500●	0,7-12	2-29	12-120	29-470	*	8-1000	115-1500	250-2000	

Values obtained with water and silicone tube under normal conditions. +12V DC includes rechargeable Li+ battery and charger .
* Values not determined

Flow Table - Indicative regulation intervals – Pump heads 1500-2r and 253-3r

Code ▼	rpm	Pump head	4,8mm	6,4mm	8,0mm	9,6mm	◀ Tube Ø
1.9730.31	110	1500-2r		60-560	130-680		
1.9730.29	330	1500-2r		190-1700	400-2000	No	
1.9730.06*	330	1500-2r	No	190-1700	400-2000		Flow ml/min
1.9730.34	110	253-3		40-616	67-990	83-1100	
1.9730.33	330	253-3r		150-1850	200-2970	250-3300	
1.9730.55	500●	253-3r		220-2000	320-4700	450-6000	

Values obtained with water and silicone tube under normal conditions.

* 12V DC power supply, without battery, with carrying handle and connection for car battery.

● Brushless motor.

Accessories

Code ▼	Description
1.0078.43	Pump head 153-3r, 3 rollers
1.0078.60	Pump head 153-3r, 3 rollers, middle
1.0078.40	Pump head 253-3r, 3 rollers
1.0078.61	Pump head 253-3r, 3 rollers, middle
1.0078.11	Pump head 1500-2r, 2 rollers
1.9740.01	Foot switch (pedal).
1.8119.00	Cyclic timer, stop and run times: 0,01 seconds. at 99,99 hours

Distributor: